## TABLE 1A

5								
,	_ Pkey:		Unique Eos probeset id	entifier	number		•	
	Gene na	ame:	Unigene gene title					
	Accessi	ion:	Exemplar Accession number, Genbank accession number					
10	UniGene	<b>:</b> :	Unigene number					
10	RATIO:						by the 50th percentile	
							le of normal tissue AIs	
	CEO TD	ш.	was subtracted from bo					
	SEQ ID	#:	Nucleic acid and prote	ın seque	nces pro	ovided of	CD for search purposes	
15								
	Pkey	Gene Name	e ·	Accession	UniGene	RATIO	SEQ ID #	
	424687		alloproteinase 9 (gelatinase	J05070	Hs.151738		1986 1987 6289	
	417153		pe II, alpha 1 (primary ost	X57010	Hs.81343		1084 1085 5625	
20	422867		gomeric matrix protein (ps	L32137	Hs.1584	29.0	1751 1752 6122	
20	428305 422871		king protein 1 pe XI, alpha 2	AA446628	Hs.121509	22.1	2426 6607 1753 1754 6123	
	424800	MyoD famil			Hs.153203		2002 2003 6300	
	413778		nt polypeptide 2, regulatory		Hs.75535		740 5356	
	441134		noic acid-binding protein	W29092	Hs.346950		3500 7475	
25	431553	cartilage lin	king protein 1	X78075	Hs.2799	16.7	2792 6874	
	417866		pe XI, alpha 1		Hs.82772		1162 5685	
	425154		pe IX, alpha 1		1 Hs.154850		2055 2056 6339	
	428748	Ksp37 prote	ein		Hs.98785		2468 6638	
30	417070 425545	titin Homo sanid	ens, clone MGC:12401, mRNA, co	Z19077 N98529	Hs.172004 Hs.158295		1070 5614 2114 6379	
50	403088		9*:Homo sapiens titin (TTN), mR	1430323	115.130233	13.7	4707	
	428087	troponin C2		AA100573	Hs.182421		2396 6582	
	440274	•	ponsive protein 1	R24595	Hs.7122	13.2	3464 7443	
2.5	404977	Insulin-like	growth factor 2 (somatomed			13.1	4766	
35	412519		, skeletal, slow	AA196241		12.7	598 5244	
	407245	titin	(abandaritis audiata antesa	X90568	Hs.172004		132 133 4881	
	427474 435013		(chondroitin sulfate proteog 2:Homo sapiens NADH:ubiquinone	U13192 H91923	Hs.2159 Hs.110024	12.6	2334 6532 3096 7115	
	452838	_	ly expressed antigen in mel	U65011	Hs.30743		4357 4358 8188	
40	410621	titin	y expressed unagen in mer		Hs.172004		481 5149	
	422887	ESTs				12.1	1755 6124	
	432239	matrix meta	Illoproteinase 13 (collagenas	X81334	Hs.2936	12.0	2856 2857 6921	
	427335	G antigen 7			Hs.278444		2317 6520	
45	432481		lagen, type XI, alpha 1		Hs.151504		2876 6938	
43	432268 405704		adenosine 5'-phosphosulfate s 4*:Homo sapiens collagen, type	BE311000	Hs.274230	11.4	2861 6925 4794	
	448204	ESTs	+ .Homo sapiens conagen, type	Al475124	Hs.170561		3988 7887	
	456115	titin		F01082	Hs.172004		4515 8320	
	440042	ESTs		A1073387			3448 7430	
50	427747		nine kinase 12		Hs.180655		2365 6557	
	429329		ens pannexin 3 (PANX3)		Hs.99235		2547 6699	
	408349	homeo box		BE546947		10.2	213 4949	
	416373 446619		kly similar to S12658 cysteine osphoprotein 1 (osteopontin,	AA195845 AU076643		10.1 9.9	996 5559 3861 7782	
55	443802	KIAA1291		AW504924		9.9	3647 7609	
	437330	Homo sapie	ens mRNA; cDNA DKFZp761J1112 (	AL353944	Hs.50115	9.9	3253 7250	
	428698	KIAA1866 p	protein	AA852773	Hs.334838		2463 6635	
	409200		jene product		Hs.51039	9.8	325 5037	
60	416491		hormone receptor 1	U17418	Hs.1019	9.8	1005 1006 5567	
00	406707 424408		avy polypeptide 2, skeletal m	S73840	Hs.931	9.4	61 62 4829	
	413011	biglycan	pe V, alpha 1	AW068115	Hs.146428	9.4	1943 6260 669 5302	
	414152	thrombospo	endin 4		3 Hs.75774		782 783 5391	
	426752	titin		X69490	Hs.172004		2266 2267 6482	
65	426300	delta-like ho	omolog (Drosophila)	U15979	Hs.169228		2196 2197 6437	
	426370	sortilin 1		R98288	Hs.281706		2215 6449	
	421552		zzled-related protein 4		Hs.105700		1559 1560 5982	
	444381	• •	I protein BC014245		Hs.283713		3697 7652	
70	417308 452242		jene product	H60720	Hs.81892		1094 5634	
, 0	406704	gycosyltran: myosin hea	sterase avy polypeptide 7, cardiac mu	R50956 M21665	Hs.159993 Hs.929	8.7 8.6	4305 8145 55 56 4826	
	417930		ens mRNA for KIAA1870 protein,	H81136	Hs.334604		1169 5691	
	432874		nhibitory activity	W94322	Hs.279651		2913 6968	
7.5	433513	ESTs			Hs.171437		2985 7024	
75	409858		repeat containing 5	NM_006586		Hs.56828	8.2 391 392 5084	
	443426	cnromosom	e 20 open reading frame 1	AF098158	Hs.9329	8.2	3621 3622 7586	

	453665	ESTs, Weakly similar to SFRB_HUMAN SPLI	AA626250 Hs.326184 8	
	407619	collagen, type IX, alpha 2		3.1 146 147 4892
	417849	nidogen 2	AW291587 Hs.82733 8	3.0 1161 5684
_	421967	interleukin 17B	AA476704 Hs.110040 8	3.0 1621 6027
5	412129	troponin T3, skeletal, fast	M21984 Hs.73454 8	3.0 571 572 5222
	429921	collagen, type XI, alpha 1	AA526911 Hs.82772 7	7.9 2620 6749
	419875	proenkephalin	AA853410 Hs.93557 7	7.9 1391 5859
	419741	ubiquitin carrier protein E2-C	· - · - · - · · · · · · · · · · · · · ·	7.9 1379 1380 5850
	429166	KIAA1270 protein	AB033096 Hs.197668 7	
10	431103	pleiotrophin (heparin binding growth fa		7.8 2748 2749 6840
10	408482	adenosine A2b receptor		7.7 226 227 4959
	406964	FGENES predicted novel secreted protein		
				7.7 87 88 4847
	434449	hypothetical protein FLJ22041 similar t		7.7 3057 7083
1.5	450778	solute carrier family 29 (nucleoside tr		7.6 4191 4192 8055
15	422640	troponin C, slow	M37984 Hs.118845 7	
	409327	collagen, type IX, alpha 3		'.6 <b>341</b> 342 5047
	416658	fibrillin 2 (congenital contractural ar	U03272 Hs.79432 7	7.5 1020 1021 5577
	412978	homeo box C6	Al431708 Hs.820 7	'.5 665 5298
	409169	(clone PWHLC2-24) myosin light chain 2	F00991 Hs.50889 7	7.5 316 5029
20	449378	ESTs	AW664026 Hs.59892 7	7.5 4085 7967
	418883	acid phosphatase 5, tartrate resistant	BE387036 Hs.1211 7	7.5 1281 5774
	432538	male-enhanced antigen	BE258332 Hs.278362 7	
	453060	hypothetical protein MGC15754		7.3 4386 8213
	420462	chondromodulin I precursor		7.3 1454 1455 5908
25	403071	NM_003319*:Homo sapiens titin (TTN), mR		'.3 4702
23	426991	Homo sapiens cDNA FLJ10674 fis, clone N	AK001536 Hs.214410 7	
	417435	•		
		carbonic anhydrase III, muscle specific	NM_005181 Hs.82129 7	
	438913	ESTs	Al380429 Hs.172445 7	
20	453935	ESTs	Al633770 Hs.42572 7	
30	422684	H2A histone family, member Z	BE561617 Hs.119192 7	
	444784	ectonucleotide pyrophosphatase/phosphod	D12485 Hs.11951 7	
	444232	hypothetical protein DKFZp761H221	W56010 Hs.347297 7	
	425071	deiodinase, iodothyronine, type II	NM_013989 Hs.154424 7	'.1 2043 2044 6330
	422633	enolase 3, (beta, muscle)	X56832 Hs.118804 7	'.0 1716 1717 6098
35	453271	ESTs	AA903424 Hs.6786 7	'.0 4409 8232
	452402	peroxisome proliferative activated rece	Al138530 Hs.22216 7	7.0 4327 8162
	421579	stem cell growth factor; lymphocyte sec	NM_002975 Hs.105927 7	
	425397	topoisomerase (DNA) II alpha (170kD)	J04088 Hs.156346 7	
	449969	Homo sapiens cDNA FLJ14337 fis, clone P	AW295142 Hs.180187 6	
40	419926	DKFZP586D2223 protein		1396 5863
. •	432596	matrilin 3	AJ224741 Hs.278461 6	
	419452	PTK7 protein tyrosine kinase 7	U33635 Hs.90572 6	
	448721	ESTs	Al632123 Hs.371431 6	
	437352	hypothetical protein DKFZp434P0531		
45	408831		AL353957 Hs.284181 6	
73		endocrine regulator		5.8 266 267 4992
	426935	collagen, type I, alpha 1	NM_000088 Hs.172928 6	
	434906	Homo sapiens, clone IMAGE:4053965, mRNA	BE410573 Hs.283636 6	
	405946	Target Exon		5.7 4798
50	450701	hypothetical protein XP_098151 (leucine	H39960 Hs.288467 6	
50	403074	NM_003319*:Homo sapiens titin (TTN), mR		5.6 4703
	411296	growth suppressor 1	BE207307 Hs.10114 6	5.6 524 5183
	452281	Homo sapiens cDNA FLJ11041 fis, clone P	T93500 Hs.28792 6	i.6 4309 8149
	421535	phosphoribosylformylglycinamidine synth	AB002359 Hs.105478 6	5.5 1557 1558 5981
	427585	collagen, type X, alpha 1 (Schmid metap	D31152 Hs.179729 6	5.5 2349 6543
55	428981	ESTs, Weakly similar to ALU2_HUMAN ALU	BE313077 Hs.93135 6	5.5 2497 6660
	428342	Homo sapiens cDNA FLJ13458 fis, clone P	AI739168 Hs.349283 6	5.5 2432 6611
	436608	down syndrome critical region protein D	AA628980 Hs.192371 6	5.5 3205 7207
	444165	hypothetical protein FLJ11236		5.5 3682 7639
	419745	slug (chicken homolog), zinc finger pro		1381 1382 5851
60	438746	Human melanoma-associated antigen p97 (	Al885815 Hs.184727 6	
	449048	similar to S68401 (cattle) glucose indu		4061 7945
	441553	ESTs	AA281219 Hs.121296 6	
	437696	hypothetical protein dJ37E16.5		.4 3281 7274
	410929	ESTs		
65	443105	chondroitin sulfate proteoglycan 4 (mel		
05		, , ,		3600 3601 7568
	446051	ephrin-A3		3816 7744
	400440	nebulin		24 25 4627
	429359	matrix metalloproteinase 14 (membrane-i		.3 2551 6702
70	433001	clone HQ0310 PRO0310p1	AF217513 Hs.279905 6	
70	415989	ESTs	Al267700 Hs.351201 6	
	452826	peroxisomal biogenesis factor 6	BE245286 Hs.301636 6	.3 4353 8184
	434352	small muscle protein, X-linked	AF129505 Hs.86492 6	.3 3047 3048 7075
	409142	SMC4 (structural maintenance of chromos	AL136877 Hs.50758 6	.3 312 313 5027
	412709	KIAA0027 protein		.2 631 632 5269
75	411789	Adlican		.2 553 554 5207
	453392	SRY (sex determining region Y)-box 11		.2 4416 4417 8239
		·		

	440000	FOT- Wealth similar to T47997 hungthat	A)A/47207E	U= 207640	6.0 0446 7400
	440028	ESTs, Weakly similar to T17227 hypothet	AW473675	Hs.367649	
	416768	regenerating islet-derived 1 alpha (pan	AA363733 Hs.1032	6.2	1030 5583
	422627	transforming growth factor, beta-induce	BE336857 Hs.118787		1715 6097
5	443610	mitochondrial ribosomal protein S18A	AW248314	Hs.9622	6.2 3628 7591
3	421307	Homo sapiens mRNA; cDNA DKFZp434B0425 (			1528 5963
	426413	gb:EST90805 Synovial sarcoma Homo sapie	AA377823	6.1	2219 6453
	424086	lysyl oxidase	Al351010 Hs.102267		1896 6227
	450087	MUM2 protein	BE293180 Hs.24379		4133 8008
10	421155	lysyl oxidase	H87879 Hs.102267		1512 5950
10	407604	collagen, type VIII, alpha 2	AW191962 Hs.353001		145 4891
	437033	RNA polymerase I subunit	AW248364 Hs.5409	6.1	3231 7230
	427427	lectin, superfamily member 1 (cartilage	AF077345 Hs.177936		2328 2329 6528
	420005	ESTs	AW271106 Hs.133294		1407 5871
15	453331	ESTs	Al240665 Hs.352537		4413 8236
13	423785	Homo sapiens WWp2-like mRNA complete cd	BE467186 Hs.333382		1849 6195
	412719	ESTS	AW016610 Hs.816	6.0	633 5270
	425462	Homo sapiens cDNA: FLJ22382 fis, clone	AI491852 Hs.46783	5.9	2106 6373
	437898	ESTs	W81260 Hs.43410	5.9	3293 7286
20	417944	collagen, type V, alpha 2	AU077196 Hs.82985	5.9	1172 5693
20	439737	Homo sapiens mRNA full length insert cD	AI751438 Hs.41271	5.9	3427 7410
	420162	cyclin-dependent kinase 4	BE378432 Hs.95577	5.9	1422 5883
	449722	cyclin B1	BE280074 Hs.23960	5.9	4112 7990
	412140	RAB6 interacting, kinesin-like (rabkine	AA219691 Hs.73625	5.8	573 5223
25	421823	ESTS	N40850 Hs.28625	5.8	1600 6011
25	451149	RNA binding motif protein 8B	AL047586 Hs.10283	5.8	4214 8073
	444371	forkhead box M1	BE540274 Hs.239	5.8	3696 7651
	427157	thymine-DNA glycosylase	U51166 Hs.173824		2305 2306 6511
	429415	procollagen C-endopeptidase enhancer	NM_002593 Hs.202093		2557 2558 6706
30	431556	sarcospan (Kras oncogene-associated gen	AF016028 Hs.183428		2793 2794 6875
30	419987	osteomodulin	NM_005014 Hs.94070		1402 1403 5868
	412646	transmembrane protein (63kD), endoplasm	NM_006825 Hs.74368	5.8	623 624 5262
	412939	eukaryotic translation elongation facto	AW411491 Hs.75069	5.8	657 5292
	443184	ESTs	Al638728 Hs.135159		3607 7574
35	426462	dermatan sulphate proteoglycan 3	U59111 Hs.169993		2230 2231 6460
33	428269	ESTs, Moderately similar to ZN91_HUMAN	W35195 Hs.95659		2416 6598
	444301	asporin (LRR class 1)	AK000136 Hs.10760	5.7	3691 3692 7647
	439253	ESTs	AF086064 Hs.337696		3387 7370
	409731	thymosin, beta, identified in neuroblas.	AA125985 Hs.56145	5.7	386 5080
40	422087	matrix metalloproteinase 2 (gelatinase	X58968 Hs.111301		1641 6040
40	414477	amplified in osteosarcoma	U41635 Hs.76228	5.7	822 823 5425
	410102	ESTs; homologue of PEM-3 [Ciona savigny	AW248508 Hs.279727		422 5107
	407740	ESTs	AA295547 Hs.353519		156 4900
	452973	ESTs	H88409 Hs.40527		4375 8203
45	417900	CDC20 (cell division cycle 20, S. cerev	BE250127 Hs.82906	5.7	1165 5688
43	414219	ALL1-fused gene from chromosome 1q	W20010 Hs.75823	5.7	789 5397
	409686	Homo sapiens mRNA; cDNA DKFZp434L0827 (			376 377 5073
	426067	ESTs	AW664691 Hs.97053	5.6	2169 6416
	417160	proteolipid protein 1 (Pelizaeus-Merzba	N76497 Hs.355807		1086 5626
50	423961	periostin (OSF-2os)	D13666 Hs.136348		1878 1879 6215
50	427871	Homo sapiens, clone IMAGE:3507281, mRNA	AW992405 Hs.352406		2380 6568
	431089	ESTs, Weakly similar to unknown protein	BE041395 Hs.374629		2745 6838
	410491	Homo sapiens clone 25218 mRNA sequence	AA465131 Hs.64001	5.6	465 5138
	433075	sortilin 1	NM_002959 Hs.351872		2936 2937 6987
55	407896 428862	Zic family member 1 (odd-paired Drosoph SRY (sex determining region Y)-box 9 (c	D76435 Hs.41154	5.5	176 177 4919
55	443883	serine (or cysteine) proteinase inhibit	NM_000346 Hs.2316	5.5	2483 2484 6650
	452862	ADAMTS2 (a disintegrin-like and metall	AA114212 Hs.9930	5.5	3653 7614
		, ,	AW378065 Hs.8687		4360 8190
	452471 423073	gb:RC-BT029-090199-079 BT029 Homo sapie	Al903332	5.5	4335 8169
60		MAD (mothers against decapentaplegic, D	BE252922 Hs.123119		1777 6142
00	409893 453597	minichromosome maintenance deficient (S myo-inositol 1-phosphate synthase A1	AW247090 Hs.57101		397 5088
	439456	hypothetical protein FLJ20980	BE281130 Hs.381118		4429 8249
			Al752409 Hs.109314		3400 7383
	418533	myosin-binding protein C, fast-type	NM_004533 Hs.85937		1253 1254 5754
65	437446	ESTs, Moderately similar to CA1C RAT CO	AA788946 Hs.101302		3264 7259
05	419073	Homo sapiens cDNA FLJ12797 fis, clone N	AW372170 Hs.183918		1296 5786
	439108	synaptogyrin 3	AW163034 Hs.6467	5.5	3377 7360
	436476	bHLH protein DEC2	AA326108 Hs.33829	5.4	3190 7195
	414117	proteolipid protein 1 (Pelizaeus-Merzba	W88559 Hs.355807		777 5386
70	441362	RAD51 (S. cerevisiae) homolog (E coli R	BE614410 Hs.23044		3512 7486
70	417796	ESTs	AA206141 Hs.367818		1159 5682
	406687	matrix metalloproteinase 11 (stromelysi	M31126 Hs.352054		49 50 4823
	418054	lysyl oxidase-like 2	NM_002318 Hs.83354		1184 1185 5702
	432691	mitogen-activated protein kinase 7	U29725 Hs.3080	5.4	2897 2898 6956
75	410687	lysyl oxidase-like 1	U24389 Hs.65436	5.4	485 486 5153
13	453941 432731	Bloom syndrome fibronectin 1	U39817 Hs.36820	5.4	4471 4472 8282
	732131	NDFORCOURT 1	R31178 Hs.287820	J. <del>4</del>	2904 6961

	430209	collagen, type V, alpha 3		Hs.235368		2659 2660 6778
	409041	Hypothetical protein, XP_051860 (KIAA11	AB033025	Hs.50081	5.3	299 300 5017
	408901	hypothetical protein FLJ10468	AK001330	Hs.48855	5.3	272 273 4997
	411078	CocoaCrisp	A1222020	Hs.182364	5.3	512 5172
5	457211	ESTs, Weakly similar to S51797 vasodila	AW972565	Hs.32399	5.3	4543 8344
	426058	Nedd-4-like ubiquitin-protein ligase	U96114	Hs.333382	5.3	2166 2167 6414
	431247	matrilin 4		Hs.278489		2768 2769 6855
	418140	microfibrillar-associated protein 2	BE613836		5.3	1196 5713
	452214			Hs.380887		4300 4301 8141
10		hypothetical protein FLJ10567				
10	422043	retinoic acid induced 1		Hs.110953		1629 1630 6033
	452683	progesterone membrane binding protein	A1089575	Hs.374574		4341 8175
	423811	homeo box C4	AW299598		5.3	1854 6198
	423225	Thy-1 cell surface antigen	AA852604	Hs.125359	5.2	1786 6148
	424308	minichromosome maintenance deficient (S	AW975531	Hs.154443	5.2	1932 6250
15	436907	ESTs	AA737171	Hs.131809	5.2	3226 7225
	430393	estrogen-responsive B box protein		Hs.241305		2688 6798
	433612	Homo sapiens Ku70-binding protein (KUB3	AF078164		5.2	2991 2992 7030
	441356	ESTs, Weakly similar to JC5024 UDP-gala		Hs.182885		3511 7485
	447343	ESTs, Highly similar to S02392 alpha-2-		Hs.236894		3916 7828
20						
20	445826	Homo sapiens mRNA; cDNA DKFZp586D0918 (		Hs.13350	5.2	3800 7730
	452873	hypothetical protein FLJ10385	AK001247		5.2	4362 4363 8192
	408202	DKFZP586L151 protein	AA227710	Hs.43658	5.2	202 4942
	435256	cytokine-like protein C17	AF193766		5.2	3116 3117 7133
	412641	heat shock 90kD protein 1, beta	M16660	Hs.74335	5.2	620 621 5260
25	430890	glypican 1	X54232	Hs.2699	5.2	2735 2736 6831
	414358	ESTs	AA476456	Hs.98969	5.2	807 5412
	442573	branched chain aminotransferase 1, cyto	H93366	Hs.7567	5.2	3570 7541
	412564	cardiac ankyrin repeat protein	X83703	Hs.355934		606 607 5251
	417791	ESTs	AW965339		5.1	1158 5681
30						
30	422765	baculoviral IAP repeat-containing 5 (su	AW409701		5.1	1734 6110
	416391	mesoderm specific transcript (mouse) ho	AI878927	Hs.79284	5.1	999 5562
	421295	DC2 protein		Hs.103180		1524 5960
	445564	KIAA1034 protein	AB028957	Hs.12896	5.1	3784 3785 7718
	417675	similar to murine leucine-rich repeat p	A1808607	Hs.3781	5.1	1144 5670
35	447149	TAR (HIV) RNA-binding protein 2	BE299857	Hs.326	5.1	3893 7809
	435284	Homo sapiens cDNA FLJ11492 fis, clone H	AA879470	Hs.96849	5.1	3118 7134
	419488	nucleophosmin/nucleoplasmin 3	AA316241		5.1	1342 5822
	408829	heparan sulfate (glucosamine) 3-O-sulfo	NM_006042		5.1	264 265 4991
	409262	hypothetical protein FLJ20624	AK000631		5.1	333 334 5042
40						
70	446142	ESTs .	AI754693	Hs.145968		3820 7748
	418927	ESTs	BE349635			1284 5776
	418283	cathepsin K (pycnodysostosis)	S79895	Hs.83942	5.1	1210 1211 5724
	428957	WNT1 inducible signaling pathway protei	NM_003881			2491 2492 6656
	416322	pyrroline-5-carboxylate reductase 1	BE019494	Hs.79217	5.1	989 5554
45	409361	sine oculis homeobox (Drosophila) homol	NM_005982	2 Hs.54416	5.1	344 345 5049
	414733	minichromosome maintenance deficient (S	BE514535	Hs.77171	5.1	860 5454
	415885	KIAA0161 gene product	D79983	Hs.78894	5.1	953 954 5524
	444912	putative prostate cancer susceptibility	AW247380		5.0	3733 7679
	448425	ESTs	AI500359	Hs.371249		4004 7901
50	423292	nuclear RNA export factor 2	AK000423			1791 1792 6152
50	437430	gene predicted from cDNA with a complet			5.0	
	454000		W44671	Hs.124		3261 7256
	451999	DEAD/H (Asp-Glu-Ala-Asp/His) box polype	AW1/6401			4268 8115
	418113	SRY (sex determining region Y)-box 4	AI272141	Hs.83484	5.0	1194 5711
	445160	sine oculis homeobox (Drosophila) homol	Al299144	Hs.101937		3748 7692
55	431411	hypothetical protein FLJ20343	AI929382	Hs.252692		2782 6866
	431347	insulin-like growth factor 2 (somatomed	AI133461	Hs.251664	5.0	2774 6859
	452907	ESTs, Moderately similar to I54374 gene	BE256966	Hs.31652	5.0	4368 8197
	440211	ESTs	AA872730	Hs.125229	5.0	3463 7442
	436895	carbonic anhydrase XII	AF037335		5.0	3224 3225 7224
60	414883	CDC28 protein kinase 1	AA926960			885 5471
• •	408135	methyltransferase-like 1	AA317248		5.0	194 4936
	414038	•	BE242722			773 5382
		hypothetical protein FLJ22439				
	411102	triadin	AA401295		5.0	515 5175
c =	433659	hypothetical protein FLJ10439	AK001301		4.9	2998 2999 7035
65	433092	WAS protein family, member 2	AI936829	Hs.288908	4.9	2939 6989
	433430	ESTs	AI863735	Hs.369982	4.9	2977 7018
	417605	regulator of G-protein signalling 3	AF006609	Hs.82294	4.9	1138 1139 5665
	412490	Homo sapiens cDNA: FLJ22528 fis, clone	AW803564			595 5242
	437206	ESTs, Weakly similar to I38344 titin, c	AW975934			3245 7242
70	413434	Homo sapiens cDNA FLJ11416 fis, clone H		Hs.287331		718 5337
	406706	myosin, heavy polypeptide 1, skeletal m	X03740	Hs.231581		59 60 4828
	410611	KIAA1628 protein	AW954134		4.9	480 5148
	442295	Homo sapiens cDNA FLJ11469 fis, clone H		Hs.224398		3555 7527
75	439717	ESTs, Moderately similar to ALU1_HUMAN	W94472		4.9	3423 7406
75	451766	ephrin-B3	NM_001406		4.9	4255 4256 8104
	409243	KIAA1340 protein	AB037761	Hs.51743	4.9	328 329 5039

	407690	hypothetical protein FLJ14281	R47799	Hs.266957	49	150 4895
	407025	Human unknown protein mRNA within the p	U58658	Hs.356460		96 97 4852
	414812	monokine induced by gamma interferon	X72755	Hs.77367	4.9	874 875 5464
	424162	ESTs, Weakly similar to ALU2_HUMAN ALU		Hs.93135	4.9	1907 6235
5	446157	Homo sapiens cDNA: FLJ22562 fis, clone		Hs.131740		3821 7749
	441944	Homo sapiens clone 23767 and 23782 mRNA	AW855861		4.9	3541 7513
	411742	eukaryotic translation initiation facto	AW247593	Hs.71819	4.9	549 5204
	415702	gb:HSPD18414 HM3 Homo sapiens cDNA clon	F28877	Hs.73680	4.9	942 5515
4.0	429500	hexabrachion (tenascin C, cytotactin)	X78565	Hs.289114	4.9	2574 2575 6718
10	431183	KDEL (Lys-Asp-Glu-Leu) endoplasmic reti	NM_00685	5 Hs.250696	4.8	2756 2757 6845
	428409	ESTs	AW117207	Hs.98523	4.8	2438 6616
	451404	ESTs, Weakly similar to T17248 hypothet	AA460775		4.8	4229 8084
	453115	ESTs, Moderately similar to JC5238 gala	AW772041		4.8	4392 8218
1.5	448950	CGI-152 protein	AF288687		4.8	4050 4051 7936
15	426509	pentaxin-related gene, rapidly induced	M31166	Hs.2050	4.8	2243 2244 6468
	451684	CDA14	AF216751	Hs.26813	4.8	4246 4247 8098
	425196	carbonic anhydrase II		Hs.155097		2064 6345
	412755	ESTs, Weakly similar to P4HA_HUMAN PROL		Hs.179891		637 5274
20	453393 428977	ESTs cyclin B2		Hs.110376		4418 8240
20	419086	Kallmann syndrome 1 sequence		Hs.194698 6 Hs.89591	4.8	2496 6659 1300 1301 5789
	447519	ESTs	U46258	Hs.339665		3936 7844
	414359	cadherin 11, type 2, OB-cadherin (osteo	M62194	Hs.75929	4.8	808 5413
	438093	COP9 (constitutive photomorphogenic, Ar	BE206885		4.8	3303 7296
25	444670	hypothetical protein MGC5370	H58373	Hs.332938		3714 7666
	409103	XAGE-1 protein	AF251237	Hs.112208		304 305 5021
	422809	hypothetical protein FLJ10549	AK001379	Hs.121028		1741 1742 6115
	419762	ESTs	AI608647	Hs.32374	4.7	1387 5855
	421057	Homo sapiens cDNA: FLJ22063 fis, clone	T58283	Hs.120638		1501 5940
30	419575	topoisomerase (DNA) III alpha	U43431	Hs.91175	4.7	1355 1356 5831
	408196	SRY (sex determining region Y)-box 22	AL034548	Hs.43627	4.7	199 200 4940
	402408	NM_030920*:Homo sapiens hypothetical pr			4.7	4681
	421778	actin related protein 2/3 complex, subu	AA428000	Hs.283072	4.7	1591 6003
	411894	GLI-Kruppel family member GLI3 (Greig c	M57609	Hs.72916	4.7	559 560 5212
35	403285	Target Exon			4.7	4712
	435099	flap structure-specific endonuclease 1	AC004770	Hs.4756	4.7	3104 3105 7123
	413658	A kinase (PRKA) anchor protein 10	AA055369	Hs.372446	4.7	734 5351
	454119	uncoupling protein 4	BE549773	Hs.40510	4.7	4492 8300
40	415667	developmentally regulated GTP-binding p	F11582	Hs.78582	4.7	935 5509
40	402672	Target Exon			4.7	4686
	446517	phosphatidylethanolamine N-methyltransf	BE382714	Hs.15192	4.7	3849 7772
	437623	chromosome condensation-related SMC-ass	D63880	Hs.5719	4.7	3275 3276 7269
	447377	transcription factor AP-2 alpha	X77343	Hs.334334		3920 3921 7831
15	425848	valyl-tRNA synthetase 2	BE242709	Hs.159637		2150 6402
45	448121	hypothetical protein DKFZp564F013	AL045714	Hs.128653		3979 7881
	414961	myosin-binding protein H	U27266	Hs.927	4.6	896 897 5479
	403903	C5001632*:gi 10645308 gb AAG21430.1 AC0	1140447	11. 40070	4.6	4731
	444719	ESTs, Weakly similar to GGE1_HUMAN GAGE		Hs.43879	4.6	3717 7668
50	418036	latent transforming growth factor beta	Z37976	Hs.83337	4.6	1180 1181 5699
50	406976 411852	gb:Human alpha-1 collagen type II gene,	M60299	: Un 407545	4.6	92 93 4850
	421506	ESTs, Weakly similar to T00329 hypothet thymidine kinase 1, soluble		Hs.107515 Hs.105097		555 5208
	428344	Homo sapiens cDNA FLJ12425 fis, clone M	AW449466		4.6	1550 5976 2433 6612
	448734	Homo sapiens mRNA; cDNA DKFZp564H1916 (				4031 7923
55	412014	ESTs, Weakly similar to A46010 X-linked	Al620650	Hs.43761	4.6	566 5218
	452436	ESTs, Moderately similar to A46010 X-li	BE077546		4.6	4330 8164
	445373	ESTs, Weakly similar to DIA1_HUMAN DIAP		Hs.199316		3764 7703
	413004	interleukin enhancer binding factor 2,	T35901	Hs.75117	4.6	667 5300
	442426	hypothetical protein MGC5370	AI373062	Hs.332938		3562 7534
60	408920	fibronectin leucine rich transmembrane	AL120071	Hs.48998	4.6	276 4999
	425259	Homo sapiens mRNA; cDNA DKFZp564K143 (f	AL 049280		4.6	2075 6353
	409096	sarcomeric muscle protein	AA194412	Hs.50550	4.6	302 5019
	428279	ESTs, Weakly similar to A47582 B-cell g	AA425310	Hs.155766	4.6	2417 6599
	449510	ESTs	AI653154	Hs.328147	4.6	4092 7974
65	422112	Lsm1 protein		Hs.111783		1649 6046
	<b>4272</b> 17	ESTs	AA399272	Hs.144341	4.5	2310 6514
	412537	nuclear transcription factor Y, alpha	AL031778			601 5247
	430411	bone gamma-carboxyglutamate (gla) prote	X51699	Hs.2558	4.5	2691 2692 6800
70	407204	ESTs, Weakly similar to ALU1_HUMAN ALU	R41933	Hs.140237		121 4873
70	421114	ESTs, Weakly similar to I78885 serine/t		Hs.293156		1507 5946
	408197	ESTs, Weakly similar to A46010 X-linked		Hs.107410		201 4941
	436291	protein regulator of cytokinesis 1		Hs.344037		3180 7185
	414416	hypothetical protein MGC2721	AW409985		4.5	813 5417
	407700					
75	407792	putative secreted ligand homologous to	AI077715	Hs.39384	4.5	162 4906
75	407792 452461 436252	putative secreted ligand homologous to transcription factor Homo sapiens cDNA FLJ11562 fis, clone H	AI077715 N78223 AI539519	Hs.39384 Hs.108106 Hs.142827	4.5	162 4906 4333 8167 3179 7184

	400004	<b>5.0</b>		4.5	4007 4000 0000
	422034	Ets2 repressor factor	AC006486 Hs.333069		1627 1628 6032
	432917	PRO0327 protein	NM_014125 Hs.241517		2915 2916 6970
	453299	ESTs	W44626 Hs.30627	4.5	4411 8234
_	424265	hairy/enhancer-of-split related with YR	AF173901 Hs.144287	4.5	1927 1928 6247
5	436481	HSPC150 protein similar to ubiquitin-co	AA379597 Hs.5199	4.5	3192 7197
	420197	ESTs, Weakly similar to A57291 cytokine	AW139647 Hs.88134	4.5	1429 5889
	420576	KIAA1858 protein	AA297634 Hs.54925	4.5	1463 5914
	409012	DKFZP434I216 protein	AL117435 Hs.49725	4.5	293 294 5013
	419552	gb:zd30a08.s1 Soares_fetal_heart_NbHH19	W63730 Hs.379098		1350 5828
10	407239			4.4	
10		leukocyte immunoglobulin-like receptor,	AA076350 Hs.67846		129 4879
	424330	Homo sapiens cDNA FLJ13596 fis, clone P	AW073953 Hs.34054	4.4	1936 6253
	417933	thymidylate synthetase	X02308 Hs.82962	4.4	1170 1171 5692
	447630	lymphoid enhancer-binding factor 1	Al660149 Hs.44865	4.4	3944 7851
	404567	NM_015902*:Homo sapiens progestin induc		4.4	4752
15	439053	chaperonin containing TCP1, subunit 2 (	BE244588 Hs.6456	4.4	3374 7357
	438982	ESTs, Weakly similar to A47582 B-cell q	AW979101 Hs.291980	4.4	3372 7355
	423575	intron of periostin (OSF-2os)	C18863 Hs.163443		1820 6173
	456816	hypothetical protein FLJ10647	AK001509 Hs.144391		4531 4532 8334
	443778	Homo sapiens cDNA FLJ14207 fis, clone N		4.4	
20			AW964139 Hs.9741		3642 7605
20	430681	ESTs	AW969675 Hs.291232		2719 6819
	434652	bladder cancer overexpressed protein	AF148713 Hs.125830		3066 3067 7092
	435937	ESTs	AA830893 Hs.119769		3164 7172
	447381	Homo sapiens cDNA FLJ14459 fis, clone H	Al377119 Hs.295362	4.4	3922 7832
	427647	Homo sapiens cDNA FLJ20653 fis, clone K	W19744 Hs.180059	4.4	2354 6548
25	424084	hypothetical protein FLJ23056	Al940675 Hs.20914	4.4	1895 6226
	425274	minichromosome maintenance deficient (m	BE281191 Hs.155462		2079 6356
	412935	tubulin-specific chaperone c	BE267045 Hs.75064	4.4	656 5291
	422599	non-metastatic cells 1, protein (NM23A)	BE387202 Hs.118638		1710 6092
	426363				
20		transforming growth factor, beta 3	M58524 Hs.2025	4.4	2210 2211 6446
30	418156	nuclear receptor subfamily 1, group I,	W17056 Hs.83623		1198 5715
	453880	ESTs, Weakly similar to I38022 hypothet	Al803166 Hs.135121		4458 8272
	423739	ESTs	AA398155 Hs.97600	4.4	1842 6190
	439688	hypothetical protein FLJ12921	AW445181 Hs.209637	4.4	3418 7401
	449037	Homo sapiens mRNA; cDNA DKFZp586F071 (f	AL050125 Hs.22907	4.4	4060 7944
35	418677	SRY (sex determining region Y)-box 5	S83308 Hs.87224	4.4	1267 1268 5764
	433446	ESTs	AW469546 Hs.122116		2979 7020
	420044	ESTs	AA253164 Hs.136294		1410 5873
	417124	ESTs	BE122762 Hs.25338		
					1082 5623
40	421777	HSPC037 protein	BE562088 Hs.108196		1590 6002
40	430044	ESTs	AA464510 Hs.152812		2642 6765
	429973	ESTs	Al423317 Hs.164680	4.3	2628 6756
	410366	hypothetical protein	Al267589 Hs.302689	4.3	457 5133
	425308	receptor tyrosine kinase-like orphan re	M97639 Hs.155585	4.3	2087 2088 6362
	442052	ESTs	AW450515 Hs.128381	4.3	3546 7518
45	421848	collagen, type VI, alpha 1	X15880 Hs.108885		1602 1603 6013
	424840	extra spindle poles, S. cerevisiae, hom	D79987 Hs.153479		2011 2012 6306
	417788	nuclear transcription factor Y, beta	Al436699 Hs.84928	4.3	1157 5680
	404561		A1430033 F15.04320		
		trichorhinophalangeal syndrome I gene (	1100405 11.0004	4.3	4751
50	433447	neuronal pentraxin II	U29195 Hs.3281		2980 2981 7021
50	428280	sarcospan (Kras oncogene-associated gen	H05541 Hs.183428		2418 6600
	406850	collagen, type I, alpha 1	Al624300 Hs.172928		70 4837
	407730	splicing factor, arginine/serine-rich 9	Al457482 Hs.77608	4.3	155 4899
	426487	variable charge, Y chromosome	AF000979 Hs.170076		2240 2241 6466
	410036	calsequestrin 2 (cardiac muscle)	R57171 Hs.57975	4.3	412 5100
55	422452	Homo sapiens mRNA; cDNA DKFZp566J1846 (	AL110255 Hs.116808	4.3	1685 6073
	421016	transcription factor 3 (E2A immunoglobu	AA504583 Hs.101047		1497 5937
	427458	ESTs, Weakly similar to LKHU proteoglyc	BE208364 Hs.29283		2332 6530
	442117	ESTs; hypothetical protein for IMAGE:44	AW664964 Hs.128899		
				4.3	3551 7523
60				4.0	0440 0070
60	425516	ESTs	BE000707 Hs.353519		2110 6376
	425516 425398	ESTs hypothetical protein similar to tenasci	BE000707 Hs.353519 AL049689 Hs.156369	4.3	2101 2102 6370
	425516	ESTs	BE000707 Hs.353519	4.3	
	425516 425398	ESTs hypothetical protein similar to tenasci	BE000707 Hs.353519 AL049689 Hs.156369	4.3 4.3	2101 2102 6370
	425516 425398 413053	ESTs hypothetical protein similar to tenasci ESTs, Moderately similar to KIAA1399 pr	BE000707 Hs.353519 AL049689 Hs.156369 AW963263 Hs.65377	4.3 4.3 4.3	2101 2102 6370 674 5306
	425516 425398 413053 406837 423072	ESTs hypothetical protein similar to tenasci ESTs, Moderately similar to KIAA1399 pr immunoglobulin kappa constant solute carrier family 12 (sodium/potass	BE000707 Hs.353519 AL049689 Hs.156369 AW963263 Hs.65377 R70292 Hs.156110 Al792946 Hs.123116	4.3 4.3 4.3	2101 2102 6370 674 5306 69 4836 1776 6141
65	425516 425398 413053 406837 423072 435124	ESTs hypothetical protein similar to tenasci ESTs, Moderately similar to KIAA1399 pr immunoglobulin kappa constant solute carrier family 12 (sodium/potass ESTs	BE000707 Hs.353519 AL049689 Hs.156369 AW963263 Hs.65377 R70292 Hs.156110 AI792946 Hs.123116 AA725362 Hs.75514	4.3 4.3 4.3 4.3	2101 2102 6370 674 5306 69 4836 1776 6141 3107 7125
65	425516 425398 413053 406837 423072 435124 410169	ESTs hypothetical protein similar to tenasci ESTs, Moderately similar to KIAA 1399 pr immunoglobulin kappa constant solute carrier family 12 (sodium/potass ESTs hypothetical protein MGC3047	BE000707 Hs.353519 AL049689 Hs.156369 AW963263 Hs.65377 R70292 Hs.156110 AI792946 Hs.123116 AA725362 Hs.75514 AI373741 Hs.59384	4.3 4.3 4.3 4.3 4.3 4.3	2101 2102 6370 674 5306 69 4836 1776 6141 3107 7125 428 5112
65	425516 425398 413053 406837 423072 435124 410169 436878	ESTs hypothetical protein similar to tenasci ESTs, Moderately similar to KIAA 1399 pr immunoglobulin kappa constant solute carrier family 12 (sodium/potass ESTs hypothetical protein MGC3047 ESTs	BE000707 Hs.353519 AL049689 Hs.156369 AW963263 Hs.65377 R70292 Hs.156110 AI792946 Hs.123116 AA725362 Hs.75514 AI373741 Hs.59384 BE465204 Hs.47448	4.3 4.3 4.3 4.3 4.3 4.3 4.3	2101 2102 6370 674 5306 69 4836 1776 6141 3107 7125 428 5112 3223 7223
65	425516 425398 413053 406837 423072 435124 410169 436878 429638	ESTs hypothetical protein similar to tenasci ESTs, Moderately similar to KIAA1399 pr immunoglobulin kappa constant solute carrier family 12 (sodium/potass ESTs hypothetical protein MGC3047 ESTs kinectin 1 (kinesin receptor)	BE000707 Hs.353519 AL049689 Hs.156369 AW963263 Hs.65377 R70292 Hs.156110 AI792946 Hs.123116 AA725362 Hs.75514 AI373741 Hs.59384 BE465204 Hs.47448 AI916662 Hs.211577	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	2101 2102 6370 674 5306 69 4836 1776 6141 3107 7125 428 5112 3223 7223 2595 6731
65	425516 425398 413053 406837 423072 435124 410169 436878 429638 425532	ESTs hypothetical protein similar to tenasci ESTs, Moderately similar to KIAA1399 pr immunoglobulin kappa constant solute carrier family 12 (sodium/potass ESTs hypothetical protein MGC3047 ESTs kinectin 1 (kinesin receptor) KIAA0446 gene product	BE000707 Hs.353519 AL049689 Hs.156369 AW963263 Hs.65377 R70292 Hs.156110 AI792946 Hs.123116 AA725362 Hs.75514 AI373741 Hs.59384 BE465204 Hs.47448 AI916662 Hs.211577 AB007915 Hs.158286	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	2101 2102 6370 674 5306 69 4836 1776 6141 3107 7125 428 5112 3223 7223 2595 6731 2112 2113 6378
	425516 425398 413053 406837 423072 435124 410169 436878 429638 425532 424905	ESTs hypothetical protein similar to tenasci ESTs, Moderately similar to KIAA1399 pr immunoglobulin kappa constant solute carrier family 12 (sodium/potass ESTs hypothetical protein MGC3047 ESTs kinectin 1 (kinesin receptor) KIAA0446 gene product NIMA (never in mitosis gene a)-related	BE000707 Hs.353519 AL049689 Hs.156369 AW963263 Hs.65377 R70292 Hs.156110 AI792946 Hs.123116 AA725362 Hs.55514 AI373741 Hs.59384 BE465204 Hs.47448 AI916662 Hs.211577 AB007915 Hs.158286 NM_002497 Hs.153704	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	2101 2102 6370 674 5306 69 4836 1776 6141 3107 7125 428 5112 3223 7223 2595 6731 2112 2113 6378 2022 2023 6315
65 70	425516 425398 413053 406837 423072 435124 410169 436878 429638 425532 424905 451448	ESTs hypothetical protein similar to tenasci ESTs, Moderately similar to KIAA1399 pr immunoglobulin kappa constant solute carrier family 12 (sodium/potass ESTs hypothetical protein MGC3047 ESTs kinectin 1 (kinesin receptor) KIAA0446 gene product NIMA (never in mitosis gene a)-related homolog of yeast MOG1	BE000707 Hs.353519 AL049689 Hs.156369 AW963263 Hs.65377 R70292 Hs.156110 AI792946 Hs.123116 AA725362 Hs.55514 AI373741 Hs.59384 BE465204 Hs.47448 AI916662 Hs.211577 AB007915 Hs.158286 NM_002497 Hs.153704 AW952599 Hs.13605	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	2101 2102 6370 674 5306 69 4836 1776 6141 3107 7125 428 5112 3223 7223 2595 6731 2112 2113 6378 2022 2023 6315 4231 8086
	425516 425398 413053 406837 423072 435124 410169 436878 429638 425532 424905 451448 432101	ESTs hypothetical protein similar to tenasci ESTs, Moderately similar to KIAA 1399 pr immunoglobulin kappa constant solute carrier family 12 (sodium/potass ESTs hypothetical protein MGC3047 ESTs kinectin 1 (kinesin receptor) KIAA0446 gene product NIMA (never in mitosis gene a)-related homolog of yeast MOG1 EphA3	BE000707 Hs.353519 AL049689 Hs.156369 AW963263 Hs.65377 R70292 Hs.156110 A1792946 Hs.123116 AA725362 Hs.75514 AI373741 Hs.59384 BE465204 Hs.47448 AI916662 Hs.211577 AB007915 Hs.158286 NM_002497 Hs.153704 AW952599 Hs.13605 AI918950 Hs.123642	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	2101 2102 6370 674 5306 69 4836 1776 6141 3107 7125 428 5112 3223 7223 2595 6731 2112 2113 6378 2022 2023 6315
	425516 425398 413053 406837 423072 435124 410169 436878 429638 425532 424905 451448	ESTs hypothetical protein similar to tenasci ESTs, Moderately similar to KIAA 1399 pr immunoglobulin kappa constant solute carrier family 12 (sodium/potass ESTs hypothetical protein MGC3047 ESTs kinectin 1 (kinesin receptor) KIAA0446 gene product NIMA (never in mitosis gene a)-related homolog of yeast MOG1 EphA3 RNA binding motif protein 8A	BE000707 Hs.353519 AL049689 Hs.156369 AW963263 Hs.65377 R70292 Hs.156110 AI792946 Hs.75514 AA725362 Hs.75514 AI373741 Hs.59384 BE465204 Hs.47448 AI916662 Hs.211577 AB007915 Hs.153704 AW952599 Hs.13605 AI918950 Hs.123642 AF198620 Hs.10283	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	2101 2102 6370 674 5306 69 4836 1776 6141 3107 7125 428 5112 3223 7223 2595 6731 2112 2113 6378 2022 2023 6315 4231 8086
	425516 425398 413053 406837 423072 435124 410169 436878 429638 425532 424905 451448 432101	ESTs hypothetical protein similar to tenasci ESTs, Moderately similar to KIAA 1399 pr immunoglobulin kappa constant solute carrier family 12 (sodium/potass ESTs hypothetical protein MGC3047 ESTs kinectin 1 (kinesin receptor) KIAA0446 gene product NIMA (never in mitosis gene a)-related homolog of yeast MOG1 EphA3 RNA binding motif protein 8A	BE000707 Hs.353519 AL049689 Hs.156369 AW963263 Hs.65377 R70292 Hs.156110 AI792946 Hs.75514 AA725362 Hs.75514 AI373741 Hs.59384 BE465204 Hs.47448 AI916662 Hs.211577 AB007915 Hs.153704 AW952599 Hs.13605 AI918950 Hs.123642 AF198620 Hs.10283	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	2101 2102 6370 674 5306 69 4836 1776 6141 3107 7125 428 5112 3223 7223 2595 6731 2112 2113 6378 2022 2023 6315 4231 8086 2841 6909
70	425516 425398 413053 406837 423072 435124 410169 436878 429638 425532 424905 451448 432101 410701	ESTs hypothetical protein similar to tenasci ESTs, Moderately similar to KIAA 1399 pr immunoglobulin kappa constant solute carrier family 12 (sodium/potass ESTs hypothetical protein MGC3047 ESTs kinectin 1 (kinesin receptor) KIAA0446 gene product NIMA (never in mitosis gene a)-related homolog of yeast MOG1 EphA3 RNA binding motif protein 8A Homo sapiens mRNA; cDNA DKFZp564C0671 (	BE000707 Hs.353519 AL049689 Hs.156369 AW963263 Hs.65377 R70292 Hs.156110 AI792946 Hs.75514 AI373741 Hs.59384 BE465204 Hs.47448 AI916662 Hs.211577 AB007915 Hs.153704 AW952599 Hs.13605 AI918950 Hs.123642 AF198620 Hs.10283 AL122088 Hs.172627	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	2101 2102 6370 674 5306 69 4836 1776 6141 3107 7125 428 5112 3223 7223 2595 6731 2112 2113 6378 2022 2023 6315 4231 8086 2841 6909 487 488 5154 2276 6488
70	425516 425398 413053 406837 423072 435124 410169 436878 429638 425532 424905 451448 432101 410701 426817 424560	ESTs hypothetical protein similar to tenasci ESTs, Moderately similar to KIAA1399 pr immunoglobulin kappa constant solute carrier family 12 (sodium/potass ESTs hypothetical protein MGC3047 ESTs kinectin 1 (kinesin receptor) KIAA0446 gene product NIMA (never in mitosis gene a)-related homolog of yeast MOG1 EphA3 RNA binding motif protein 8A Homo sapiens mRNA; cDNA DKFZp564C0671 ( protein predicted by clone 23733	BE000707 Hs.353519 AL049689 Hs.156369 AW963263 Hs.65377 R70292 Hs.156110 AI792946 Hs.123116 AA725362 Hs.75514 AI373741 Hs.59384 BE465204 Hs.47448 AI916662 Hs.211577 AB007915 Hs.158286 NM_002497 Hs.153704 AW952599 Hs.13605 AI918950 Hs.123642 AF198620 Hs.10283 AL122088 Hs.172627 AA158727 Hs.150555	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	2101 2102 6370 674 5306 69 4836 1776 6141 3107 7125 428 5112 3223 7223 2595 6731 2112 2113 6378 2022 2023 6315 4231 8086 2841 6909 487 488 5154 2276 6488 1972 6279
	425516 425398 413053 406837 423072 435124 410169 436878 429638 425532 424905 451448 432101 410701 426817	ESTs hypothetical protein similar to tenasci ESTs, Moderately similar to KIAA 1399 pr immunoglobulin kappa constant solute carrier family 12 (sodium/potass ESTs hypothetical protein MGC3047 ESTs kinectin 1 (kinesin receptor) KIAA0446 gene product NIMA (never in mitosis gene a)-related homolog of yeast MOG1 EphA3 RNA binding motif protein 8A Homo sapiens mRNA; cDNA DKFZp564C0671 (	BE000707 Hs.353519 AL049689 Hs.156369 AW963263 Hs.65377 R70292 Hs.156110 AI792946 Hs.123116 AA725362 Hs.55384 BE465204 Hs.97514 AI916662 Hs.211577 AB007915 Hs.158286 NM_002497 Hs.153704 AW952599 Hs.13605 AI918950 Hs.123642 AF198620 Hs.10283 AL122088 Hs.172627 AA158727 Hs.150555 NM_007350 Hs.82101	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	2101 2102 6370 674 5306 69 4836 1776 6141 3107 7125 428 5112 3223 7223 2595 6731 2112 2113 6378 2022 2023 6315 4231 8086 2841 6909 487 488 5154 2276 6488

	405452	Target Exon		4.2	4784
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	414312	ESTs	AA155694 Hs.191060		800 5407
_	435373	ESTs	AW665538 Hs.117689	4.2	3121 7137
5	425514	integrin, alpha 10 2QQ	AF112345 Hs.158237		2108 2109 6375
	419341	ESTs, Weakly similar to ALU1_HUMAN ALU	N71463 Hs.118888		1331 5814
	418407 435520	nuclear transcription factor Y, beta HNOEL-iso protein	AL044818 Hs.84928 AA297990 Hs.9315	4.2 4.2	1237 5741 3130 7146
	409877	zinc finger protein 106	AW502498 Hs.15220	4.2	394 5086
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	449077	ESTs	AW262836 Hs.252844		4063 7947
	411666	neurofilament 3 (150kD medium)	AF106564 Hs.71346	4.2	546 5201
	410011	PFTAIRE protein kinase 1	AB020641 Hs.57856	4.2	406 407 5096
1.5	435370	ESTs	AI964074 Hs.225838		3120 7136
15	421917	KIAA1020 protein ESTs	AB028943 Hs.109445		1612 1613 6021
	435818 452110	Homo sapiens cDNA FLJ11309 fis, clone P	AA700553 T47667 Hs.28005	4.2 4.2	3154 7163 4290 8132
	421458	carbohydrate (keratan sulfate Gal-6) su	NM_003654 Hs.104576		1543 1544 5972
	410286	DKFZP586N2124 protein	AI739159 Hs.61898	4.2	448 5125
20	417358	KIAA0094 protein	D42084 Hs.82007	4.2	1102 1103 5641
	427239	ubiquitin carrier protein	BE270447 Hs.356512	4.2	2311 6515
	407140	ESTs, Weakly similar to 138022 hypothet	AA059106 Hs.271780		115 4867
	406923	gb:G1 phase-specific gene {3' region} [	S70622	4.2	81 82 4844
25	434629 446238	glioma-amplified sequence-41	AA789081 Hs.4029	4.2	3064 7090
23	433047	SCO (cytochrome oxidase deficient, yeas methionine-tRNA synthetase	T95143 Hs.14511 M86135 Hs.279946	4.2	3829 7756 2931 6983
	445413	CGI-147 protein	AA151342 Hs.12677	4.2	3765 7704
	425428	DKFZP586B0621 protein	AL110261 Hs.157211		2104 2105 6372
	419911	BN51 (BHK21) temperature sensitivity co	L15301 Hs.1276		1393 1394 5861
30	436856	ESTs	Al469355 Hs.127310		3220 7221
	411529	Homo sapiens cDNA FLJ12927 fis, clone N	AA430348 Hs.28229	4.1	539 5196
	417259	chondroitin sulfate proteoglycan 2 (ver	AW903838 Hs.81800	4.1	1092 5632
	451489	amyloid beta (A4) precursor protein-bin	NM_005503 Hs.26468		4233 4234 8088
35	450300	ESTs, Highly similar to ITH4_HUMAN INTE	AL041440 Hs.58210	4.1	4154 8024
33	425688	NGFI-A binding protein 2 (ERG1 binding	U48361 Hs.159223		2124 2125 6386
	424066 440129	ESTs, Weakly similar to I38022 hypothet ESTs, Weakly similar to S71886 Ste20-li	Z99348 Hs.112461 AA865818 Hs.369523		1891 6223
	417115	small nuclear ribonucleoprotein polypep	AW952792 Hs.334612		3456 7436 1081 5622
	453922	budding uninhibited by benzimidazoles 1	AF053306 Hs.36708		4467 4468 8279
40	429005	lymphocyte antigen 95 (activating NK-re	AJ225109 Hs.194721		2499 2500 6662
	439755	B7 homolog 3	AW748482 Hs.77873	4.1	3430 7413
	434608	hypothetical protein FLJ22995	AA805443 Hs.179909	4.1	3063 7089
	424378	neural cell adhesion molecule 1	W28020 Hs.167988		1940 6257
15	410813	gb:QV4-NN0039-040500-196-g04 NN0039 Hom		4.1	496 5160
45	435538	low density lipoprotein receptor-relate	AB011540 Hs.4930	4.1	3132 3133 7148
	446444 437789	ESTs ESTs, Weakly similar to T17330 hypothet	AI743737 Hs.24370		3838 7764
	412677	ESTs, Weakly Similar to 117330 hypothet	AI581344 Hs.127812 AW029608 Hs.17384	4.1	3287 7280 629 5267
	453833	cytochrome P450, subfamily VIIIB (stero	AF090320 Hs.35718	4.1	4446 4447 8264
50	414591	ESTs, Weakly similar to ALU8_HUMAN ALU	Al888490 Hs.248107		834 5435
	421686	KIAA0584 protein	AB011156 Hs.106794		1578 1579 5993
	422737	collagen, type III, alpha 1 (Ehlers-Dan	M26939 Hs.119571	4.1	1730 1731 6108
	429317	Homo sapiens cDNA: FLJ21243 fis, clone	AA831552 Hs.268016	4.1	2544 6696
<i></i>	428134	ESTs	AA421773 Hs.161008		2401 6586
55	419625	nuclear factor of kappa light polypepti	U91616 Hs.182885		1362 1363 5836
	450835	hypothetical protein FLJ10767	BE262773 Hs.25584		4199 8060
	444901 409585	ESTs mitochondrial ribosomal protein L2	AA357543 Hs.250829 R62410 Hs.55041		3732 7678
	445730	ESTs	R62410 Hs.55041 Al624342 Hs.179082		363 5062 3795 7726
60	413125	glyoxalase I	BE244589 Hs.75207		682 5313
	437786	polymerase (DNA directed), eta	BE142681 Hs.155573		3286 7279
	448719	trinucleotide repeat containing 3		4.0	4028 7920
	411704	hypothetical protein FLJ10074		4.0	547 5202
	430287	ESTs, Weakly similar to LEU5_HUMAN LEUK	AW182459 Hs.125759	4.0	2676 6790
65	426075	ESTs, Weakly similar to 2109260A B cell	AW513691 Hs.270149		2170 6417
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	443957 429150	hypothetical protein FLJ23412 smoothened (Drosophila) homolog	AA521049 Hs.353013		3662 7622
70	444412	Homo sapiens clone HH409 unknown mRNA	AF120103 Hs.197366 AI147652 Hs.216381		2519 2520 6677 3700 7655
, 0		neurofilament, heavy polypeptide (200kD	AF203032 Hs.198760		2538 2539 6692
	432335	ESTs	AA534039 Hs.377990		2866 6929
	409132	protein kinase, AMP-activated, beta 2 n		4.0	309 310 5025
7.5		DKFZP564C186 protein	BE278111 Hs.134200		1861 6203
75		a disintegrin-like and metalloprotease		4.0	4287 4288 8130
	407137	gb:ye53h05.s1 Soares fetal liver spleen	T97307	4.0	114 4866

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10
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                              Genbank accession numbers
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426413
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                             Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled
                              sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.
           Strand:
                             Indicates DNA strand from which exons were predicted.
30
          Nt position:
                             Indicates nucleotide positions of predicted exons.
                                       Strand
          Pkey
                                                          Nt position
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                                       Minus
35
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                       Exemplar Accession number. Genbank accession number
          Accession:
          UniGene:
                       Unigene number
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                                   95th percentile of dermatofibrosarcoma protuberans Als divided by the 95th percentile of normal tissue Als, where the 10th percentile
55
                                   of normal tissue Als was subtracted from both the numerator and denominator
          SEQ ID #:
                       nucleic acid and protein sequences provided on CD for search purposes
                                                                                                   SEQ ID #
1391 5859
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                                                             Accession
                                                                          UniGene
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          419875
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                                                                                      10.4
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                                                                         Hs.93557
60
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8.7
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                                                                                                   1934 1935 6252
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                                                                                      6.0
                                                                                                   1614 6022
65
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                                                             NM 007035 Hs.1 25750
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                                                                                                   3530 7502
                                                                                      5.5
                       small inducible cytokine B subfamily (C
          420931
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                                                                                      5.1
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                                                             AL137471
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                                                                         Hs.97266
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                                                                         Hs.26880
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                                                                         Hs.112885
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85
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	429500	hexabrachion (tenascin C, cytotactin)	X78565	Hs.289114	3.9	2574 2575 6718
	412755	ESTs, Weakly similar to P4HA_HUMAN F	PROL BE1443	06 Hs.179891	3.9	637 5274
	421458	carbohydrate (keratan sulfate Gal-6) su	NM_003654	Hs.1.04576	3.9	1543 1544 5972
	426287	calpain 6	AF029232	Hs.169172	3.8	2194 2195 6436
5		•				
5	425256	collapsin response mediator protein 1	BE297611	Hs.155392	3.8	2074 6352
	453331	ESTs	AI240665	Hs.352537	3.8	4413 8236
	416658	fibrillin 2 (congenital contractural ar	U03272	Hs.79432	3.7	1020 1021 5577
	425071	deiodinase, iodothyronine, type II	NM_013989	Hs 1 54424	3.7	2043 2044 6330
	418113	SRY (sex determining region Y)-box 4	AI272141	Hs.83484	3.7	1194 5711
10						
10	415989	ESTs	AI267700	Hs.351201	3.7	962 5530
	421566	early growth response 2 (Krox-20 (Droso	NM_000399	Hs.1 395	3.6	1563 1564 5984
	426457	chimerin (chimaerin) 1	AW894667	Hs.380138	3.6	2229 6459
	448731	ESTs	AI522273	Hs.173179	3.6	4030 7922
	411852	ESTs, Weakly similar to T00329 hypothet		Hs.107515	3.6	555 5208
15						
IJ	447033	Predicted gene: Eos cloned; secreted w/		Hs.157601	3.6	3885 7802
	406687	matrix metalloproteinase 11 (stromelysi	M31126	Hs.352054	3.6	49 50 4823
	454071	ESTs	AI041793	Hs.42502	3.6	4487 8295
	452944	ESTs	AI266750	Hs.135261	3.6	4371 8199
20	447584	ESTs, Weakly similar to A53531 oncofeta		Hs.263561	3.5	3940 7847
20	408938	ESTs	AA059013	Hs.22607	3.5	279 5002
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25	433645	ESTs, Moderately similar to ALU6_HUMA	N Al821746	Hs.190258	3.4	2995 7033
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25	421785	Homo sapiens cDNA FLJ11946 fis, clone	H 111937	Hs.323231	3.3	1593 6005
35	416539	epithelial membrane protein 1	Y07909	Hs.79368	3.3	1010 1011 5570
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	429524	KIAA1211 protein	AB033037	Hs.205293	3.3	2577 2578 6720
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50	435370	ESTs	A1964074	Hs.225838	3.1	3120 7136
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55	429262	spinal cord-derived growth factor-B	AW503454	Hs.112885	3.1	2536 6690
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65	428305	cartilage linking protein 1	AA446628	Hs.2799	3.0	2426 6607
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80	449677 414482 423778 400920	endothelin receptor type A flavin containing monooxygenase 2 NM_025208*:Homo sapiens spinal cord-di	Y09267 er	Hs.132821	2.9 2.9	1846 1847 6193 4640
80	449677 414482 423778	endothelin receptor type A flavin containing monooxygenase 2 NM_025208*:Homo sapiens spinal cord-d ESTs	Y09267		2.9	1846 1847 6193
80	449677 414482 423778 400920	endothelin receptor type A flavin containing monooxygenase 2 NM_025208*:Homo sapiens spinal cord-di	Y09267 er	Hs.132821	2.9 2.9 2.9	1846 1847 6193 4640
80	449677 414482 423778 400920 448672 457869	endothelin receptor type A flavin containing monoxygenase 2 NM_025208*:Homo sapiens spinal cord-d ESTs Homo sapiens, alpha-1 (VI) collagen	Y09267 er Al955511 AU077186	Hs.132821 Hs.89582 Hs.108885	2.9 2.9 2.9 2.9	1846 1847 6193 4640 4025 7917 4561 8359
80	449677 414482 423778 400920 448672 457869 451195	endothelin receptor type A flavin containing monooxygenase 2 NM_025208*:Homo sapiens spinal cord-d ESTs Homo sapiens, alpha-1 (VI) collagen mesenchyme homeo box 1	Y09267 er Al955511 AU077186 U10492	Hs.132821 Hs.89582 Hs.108885 Hs.438	2.9 2.9 2.9 2.9 2.9	1846 1847 6193 4640 4025 7917 4561 8359 4218 4219 8077
80	449677 414482 423778 400920 448672 457869 451195 415773	endothelin receptor type A flavin containing monooxygenase 2 NM_025208*:Homo sapiens spinal cord-d ESTs Homo sapiens, alpha-1 (VI) collagen mesenchyme homeo box 1 ESTs, Moderately similar to A47582 B-ce	Y09267 er Al955511 AU077186 U10492 R21651	Hs.132821 Hs.89582 Hs.108885 Hs.438 Hs.324725	2.9 2.9 2.9 2.9 2.9 2.9 2.9	1846 1847 6193 4640 4025 7917 4561 8359 4218 4219 8077 947 5519
	449677 414482 423778 400920 448672 457869 451195 415773 422674	endothelin receptor type A flavin containing monoxygenase 2 NM_025208*:Homo sapiens spinal cord-dESTs Homo sapiens, alpha-1 (VI) collagen mesenchyme homeo box I ESTs, Moderately similar to A47582 B-ce ESTs, Weakly similar to JW0079 heteroge	Y09267 er Al955511 AU077186 U10492 R21651 Al498100	Hs.132821 Hs.89582 Hs.108885 Hs.438	2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9	1846 1847 6193 4640 4025 7917 4561 8359 4218 4219 8077 947 5519 1724 6103
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	449677 414482 423778 400920 448672 457869 451195 415773 422674	endothelin receptor type A flavin containing monoxygenase 2 NM_025208*:Homo sapiens spinal cord-dESTs Homo sapiens, alpha-1 (VI) collagen mesenchyme homeo box I ESTs, Moderately similar to A47582 B-ce ESTs, Weakly similar to JW0079 heteroge	Y09267 er Al955511 AU077186 U10492 R21651 Al498100	Hs.132821 Hs.89582 Hs.108885 Hs.438 Hs.324725	2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9	1846 1847 6193 4640 4025 7917 4561 8359 4218 4219 8077 947 5519 1724 6103

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	428211	ESTs	AA424211	Hs.183176	2.5	2407 6591
	421483	hypothetical protein MGC11333	NM_003388		2.5	1545 1546 5973
30	455811	gb:MR0-HT0080-011099-002-b03 HT008			2.5	4508 8314
50	410534 410642	gb:QV0-NN1071-280400-207-g07 NN107 gb:CM0-UM0001-010300-258-h11 UM000			2.4	471 5142 484 5152
	433430	ESTs	Al863735	Hs.369982	2.4	2977 7018
	419093	spinal cord-derived growth factor-B	AI804054	Hs.112885	2.4	1304 5792
	419073	Homo sapiens cDNA FLJ12797 fis, clone			2.4	1296 5786
35	451820	ESTs	AW058357	Hs.199248	2.4	4260 8107
	428771	KIAA1069 protein	AB028992	Hs.193143	2.4	2471 2472 6641
	438944	KIAA1444 protein	AA302517	Hs.92732	2.4	3368 7351
	401441 405523	Target Exon C8001409*:gi 7441226 pir  S31212 collag			2.4 2.4	4652 4788
40	410781	ESTs	AI375672	Hs.165028	2.4	495 5159
	453174	ESTs	AI633529	Hs.135238	2.4	4399 8224
	451507	ESTs, Weakly similar to T31611 hypothet		Hs.332563	2.4	4236 8090
	400829	C11000244:gi 11056030 ref NP_061738.	1		2.4	4639
45	408530	LUC7 (S. cerevisiae)-like	BE143941	Hs.16803	2.4	235 4966
43	438305	gb:yl79c09.s1 Soares infant brain 1NIB	H06377	11- 047027	2.4	3315 7306
	440209 438703	neurexin 3 ESTs	H05049 Al803373	Hs.247837 Hs.31599	2.4 2.4	3461 7440 3348 7333
	420547	gonadotropin-regulated testicular RNA h		Hs.98738	2.4	1460 1461 5912
	451752	KIAA1171 protein	AB032997	Hs.353087	2.4	4252 4253 8102
50	437249	hypothetical protein FLJ21347	AA432202	Hs.103147	2.4	3250 7247
	422667	ESTs	H25642	Hs.132821	2.4	1723 6102
	420489	ESTs	AA815089	Hs.193513	2.4	1458 5910
	446947 441544	polycythemia rubra vera 1; cell surface ESTs	AF146747 AW300043	Hs.232165 Hs.127137	2.4 2.4	3881 3882 7799 3523 7496
55	409633	ESTs	AW449822	Hs.55200	2.4	371 5068
	404681	C9001188*:gi 12738842 ref NP_073725.1			2.4	4756
	420888	dihydropyrimidinase-like 4	AB006713	Hs.100058	2.4	1486 1487 5930
	441689	ESTs	Al123705	Hs.289068	2.4	3533 7505
60	414933	ESTs, Weakly similar to 138022 hypothet		Hs.270977	2.4	893 5476
00	406107 446509	C11002500*:gi 3298456 dbj BAA31514.1		Un 122002	2.4 2.4	4801 3845 3846 7769
	423556	protocadherin 20 dynein, cytoplasmic, heavy polypeptide	AF169693 R72694	Hs.132892 Hs.356692	2.4	1816 6170
	450278	ESTs	AW205234	Hs.201587	2.4	4151 8021
	439873	ESTs	BE159253	Hs.300638	2.4	3436 7419
65	441389	endocytic receptor (macrophage mannose	AF134838	Hs.7835	2.4	3514 3515 7488
	455215	ESTs	AW867003	Hs.278344	2.4	4506 8312
	415314	glycoprotein M6B	N88802	Hs.5422	2.4	921 5497
	450282 444292	ESTs ESTs	AA007655 AI139794	Hs.93523 Hs.146569	2.4 2.4	4152 8022 3690 7646
70	410333	ras association (RalGDS/AF-6) domain co		Hs.62349	2.4	451 452 5128
	438662	cleavage and polyadenylation specific f	AA223599	Hs.6351	2.4	3345 7330
	401929	C17001690:gi 6005701 ref NP_009099.1			2.4	4668
	422578		AF239666	Hs.1545	2.4	1707 1708 6090
75	433600	ESTs	R42833	Hs.22232	2.4	2990 7029
15	424870	ESTs	T15545	Hs.244624	2.4	2014 6308
	431961 447357	Homo sapiens cDNA FLJ11300 fis, clone ESTs	AI375922	Hs.272249 Hs.132821	2.4 2.4	2836 6905 3917 7829
	402687	Target Exon	AI31 3322	113.132021	2.4	4688
0.0	415892	ESTs, Moderately similar to JC5238 gala	H08267	Hs.125979	2.3	955 5525
80	443749	ESTs	R38828	Hs.143463	2.3	3641 7604
	427669	ESTs, Moderately similar to KIAA1200 pr		Hs.255938	2.3	2358 6552
	450203	L-kynurenine/alpha-aminoadipate aminotr	AF097994	Hs.301528	2.3	4141 4142 8015
	400207 429030	Eos Control gb:IL2-UM0079-030300-048-F01 UM0079	Hom AMIRO	Hs.76847	2.3 2.3	4599 2503 6665
85	429030 458956	gb:ht98f11.x1 NCI_CGAP_Lu24 Homo sa			2.3	4587 8383
	451962	ESTs	AW078832	Hs.226806	2.3	4266 8113
						•

	40.400=					
	434635	Homo sapiens cDNA FLJ11934 fis, clone		Hs.261699	2.3	3065 7091
	450701	hypothetical protein XP_098151 (leucine	H39960	Hs.288467	2.3	4183 8048
	419087	hypothetical protein FLJ14594	AI671245	Hs.24835	2.3	1302 5790
	410244	ESTs	N62178	Hs.48472	2.3	438 5118
5	441469	ESTs	AW451400	Hs.127019	2.3	3520 7493
_	457455	gb:EST384956 MAGE resequences, MAG			2.3	4551 8350
	440516	cadherin 2, type 1, N-cadherin (neurona	S42303	Hs.161	2.3	3472 3473 7451
	457085	ESTs	AA412446	Hs.365809	2.3	4540 8341
10	417231	ESTs	R40739	Hs.166351	2.3	1090 5630
10	409348	ESTs	AI401535	Hs.146090	2.3	343 5048
	402741	NM_002508:Homo sapiens nidogen (ena			2.3	4689
	414259			Un 201206	2.3	
		integrin, beta-like 1 (with EGF-like re	W44633	Hs.301296		792 5400
	433235	contactin 3 (plasmacytoma associated)	AB040929	Hs.35089	2.3	2963 2964 7006
1 -	425863	Human unidentified mRNA, partial sequer	n U43604	Hs.159901	2.3	2152 6404
15	452036	sema domain, seven thrombospondin rep	ea NM 00396	6 Hs.27621	2.3	4273 4274 8119
	426320	transforming growth factor, beta 2	W47595	Hs.169300	2.3	2205 6442
	420058	Homo sapiens cDNA FLJ10561 fis, clone		Hs.94694	2.3	1411 5874
	423782	ESTs	AI472209	Hs.323117	2.3	1848 6194
20	418678	cancer/testis antigen (NY-ESO-1)	NM_001327		2.3	1269 1270 5765
20	430060	roundabout (axon guidance receptor, Dro	NM_002941	Hs.3 01198	2.3	2645 2646 6768
	444561	c-fos induced growth factor (vascular e	NM_004469	Hs.1 1392	2.3	3705 3706 7658
	437696	hypothetical protein dJ37E16.5	Z83844	Hs.5790	2.3	3281 7274
	424893					2020 6313
		Homo sapiens cDNA FLJ13303 fis, clone			2.3	
25	443785	basic-helix-loop-helix-PAS protein	AW449952	Hs.190125	2.3	3645 7607
25	409041	Hypothetical protein, XP_051860 (KIAA11	1 AB033025	Hs.50081	2.3	299 300 5017
	454410	gb:RC3-ST0186-181099-012-c09 ST0186	Hom AW812	744	2.3	4499 8305
	456068	RGC32 protein	AI677897	Hs.76640	2.3	4513 8318
	410126	KIAA0036 gene product	BE169274	Hs.167	2.3	424 5109
	440129	ESTs, Weakly similar to S71886 Ste20-li			2.3	
30				Hs.369523		3456 7436
30	452352	X11L-binding protein 51	BE301921	Hs.324104	2.3	4319 8156
	411642	neuroligin 1	NM_014932	Hs.7 1132	2.3	544 545 5200
	425801	gb:HSC14H051 normalized infant brain cl	D Z43151	Hs.343666	2.3	2144 6397
	419133	protein tyrosine phosphatase, receptor	U46116	Hs.89627	2.3	1307 1308 5795
	401961	NM_021626:Homo sapiens serine carbox			2.3	4669
35	453751	Homo sapiens cDNA: FLJ21238 fis. clone		Un 101202	2.3	
33				Hs.101282		4436 8255
	425398	hypothetical protein similar to tenasci	AL049689	Hs.156369	2.3	2101 2102 6370
	443916	hypothetical protein DKFZp434C2322	AV647043	Hs.131433	2.3	3658 7619
	426322	transcobalamin I (vitamin B12 binding p	J05068	Hs.2012	2.3	2206 2207 6443
	417337	ESTs	AW292905	Hs.128770	2.3	1098 5638
40	408015	epidermal differentiation complex prote	AW136771	Hs.244349	2.3	184 4926
	430850	gb:MR0-HT0165-060200-006-e02 HT016			2.3	2734 6830
	408513	ESTs	AW206468	Hs.103118	2.3	234 4965
	419940	ESTs	AW611903	Hs.144585	2.3	1397 5864
	410581	tumor endothelial marker 7 precursor	AA018982	Hs.125036	2.3	478 5146
45	409098	pleckstrin homology, Sec7 and coiled/co	AA132672	Hs.7984	2.3	303 5020
	434741	ESTs, Weakly similar to ALU1_HUMAN A			2.3	3072 7096
	433372	hypothetical protein FLJ23132	AI625577	Hs.287727	2.3	2974 7015
	445526	A kinase (PRKA) anchor protein 7	AA223447	Hs.12835	2.3	3779 7715
<b>50</b>	414110	gb:601112444F1 NIH_MGC_16 Homo sa	piens BE2517	52	2.3	776 5385
50	403574	Target Exon			2.3	4724
	425227	ESTs	H84455	Hs.40639	2.3	2069 6348
	452339	ESTs	R31567	Hs.97169	2.3	4316 8154
	416857	FGENESH predicted TM containing protei				
				Hs.292453	2.3	1042 5592
55	425781	class-I MHC-restricted T cell associate	AF001622	Hs.159523	2.3	2140 2141 6395
55	450513	ESTs	N27780	Hs.374621	2.3	4172 8038
	406064	Target Exon			2.3	4799
	434269	similar to murine leucine-rich repeat p	AK001991	Hs.3781	2.3	3037 3038 7069
	412218	gb:QV0-NN1020-170400-195-h02 NN102			2.3	578 5227
	402742	NM_002508:Homo sapiens nidogen (enac		000	2.3	4690
60	433927			U- 446467		
00		small nuclear protein PRAC	AI557019	Hs.116467	2.3	3015 7049
	434728	Homo sapiens cDNA: FLJ22749 fis, clone			2.3	3071 7095
	411893	ESTs	R82845	Hs.273789	2.3	558 5211
	444649	ESTs	AW207523	Hs.371001	2.2	3710 7662
	413457	ESTs	AW974787	Hs.114956	2.2	724 5341
65	427297	Homo sapiens, clone MGC:17333, mRNA				2315 6518
	446189	ESTs	H85224	Hs.214013	2.2	3822 7750
				HS.214013		
	401974	NM_018896*:Homo sapiens calcium chan			2.2	4672
	424578	hypothetical protein	AK001973	Hs.150890	2.2	1973 1974 6280
<b>-</b> -	438555	Homo sapiens mRNA for FLJ00024 protei	n, Al222089	Hs.143878	2.2	3334 7322
70	452188	ESTs	AI864208	Hs.176275	2.2	4294 8136
	423629	Homo sapiens cDNA: FLJ21909 fis, clone		Hs.18612	2.2	1828 6180
	429424	thiopurine S-methyltransferase	BE621985	Hs.381154		
					2.2	2559 6707
	422611	fucosyltransferase 8 (alpha (1,6) fucos	AA158177	Hs.118722	2.2	1712 6094
75	406483	NM_003059*:Homo sapiens solute carrier			2.2	4807
75	423632	gb:EST32358 Embryo, 12 week I Homo sa	api AA328824	Hs.188490	2.2	1829 6181
	411880	gb:hm30f03.x1 NCI_CGAP_Thy4 Homo s	anien AW8724	77	2.2	556 5209
	448664	splicing factor 3a, subunit 1, 120kD	AI879317	Hs.334691	2.2	4024 7916
	453197	ESTs, Weakly similar to ALU5_HUMAN A			2.2	4402 8226
00	423337	axin 2 (conductin, axil)	NM_004655		2.2	1796 1797 6156
80	408049	desmoplakin (DPI, DPII)	AW076098	Hs.345588	2.2	187 4929
	410929	ESTs	H47233	Hs.30643	2.2	504 5166
	415400	ESTs	Z42803	Hs.23772	2.2	925 5501
	413059	gb:RC0-HT0295-291199-031-E11 HT0295			2.2	675 5307
25	453041	Homo sapiens cDNA FLJ11918 fis, clone		Hs.289068	2.2	4384 8211
85	452834	KIAA1688 protein	AI638627	Hs.105685	2.2	4356 8187
	412591	ESTs, Weakly similar to T26845 hypothet	BE217736	Hs.292653	2.2	614 5256

	424007	FOT-	A14/07/24/5	11: 440044		2005 7444
	434997	ESTs	AW975155	Hs.146014	2.2	3095 7114
	449461	ESTs	AI652043	Hs.195363	2.2	4090 7972
	436761	ESTs (2	AI817776	Hs.236557	2.2	3213 7214
5	429470	guanine nucleotide binding protein (G p	AI878901	Hs.203862	2.2	2564 6711
)	427129	sine oculis homeobox (Drosophila) homol	H29990	Hs.356340	2.2	2304 6510
	405078	Target Exon			2.2	4770
	404682	ortholog of mouse polydomain protein			2.2	4757
	402864	Target Exon	A18/004C04	U= 200064	2.2	4696
10	407803	ESTs, Weakly similar to T42689 hypothet	AVVUO 100 I	Hs.269064	2.2	163 4907
10	404673	Target Exon	A1460226	Un 201664	2.2	4755
	444579 424375	ESTs, Weakly similar to A56194 thrombox		Hs.301564	2.2	3708 7660
	424373	Homo sapiens clone 24820 mRNA seque				1939 6256
	441746	ESTs, Weakly similar to ZN91_HUMAN Z ESTs	H59955		2.2 2.2	1954 6268
15	404735	cofilin 1 (non-muscle)	поээоэ	Hs.127829	2.2	3535 7507 4760
13	408604	ESTs	D51408	Hs.21925	2.2	243 4973
	447623	Homo sapiens cDNA: FLJ23020 fis, clone		Hs.6127	2.2	3942 7849
	431285	ESTs	AW301205	Hs.189422	2.2	2770 6856
	401851	NM 002401*:Homo sapiens mitogen-activ		113.103422	2.2	4666
20	419157	ESTs	AA234540	Hs.23871	2.2	1313 5798
	439696	ESTs	W95298	Hs.171882	2.2	3419 7402
	446645	ESTs	Al336596	Hs.97266	2.2	3864 7785
	438552	type I transmembrane receptor (seizure-		Hs.6314	2.2	3332 3333 7321
	445363	tubulin-specific chaperone d	NM_005993		2.2	3762 3763 7702
25	421680	Human DNA sequence from clone CTA-9				1576 1577 5992
_ :	414701	gb:HTM1-811F HTM1 Homo sapiens cDN				851 5447
	400504	Target Exon			2.2	4629
	407438	gb:Homo sapiens candidate taste recepto	AF227133		2.2	138 139 4886
	412148	gb:yp82c03.s1 Soares fetal liver spleen	R83307		2.2	574 5224
30	453872	ESTs	R59989	Hs.176539	2.2	4455 8269
	442204	ESTs	AI635450	Hs.21914	2.2	3553 7525
	411027	leukocyte immunoglobulin-like receptor,	AF072099	Hs.67846	2.2	509 510 5170
	437230	ESTs	AL133065	Hs.48996	2.2	3248 7245
25	400632	C10001871*:gi 1705533 sp P32018 CA1E	_CH		2.2	4635
35	409549	phospholipase C, epsilon 2	AB029015	Hs.54886	2.2	357 358 5059
	405522	C8001409*:gi 7441226 pir  S31212 collag			2.2	4787
	425247	matrix metalloproteinase 11 (stromelysi	NM_005940	Hs.1 55324	2.2	2072 2073 6351
	416031	ESTs, Weakly similar to T00329 hypothet	T30290	Hs.107515	2.2	963 5531
40	422311	cytokine receptor-like factor 1	AF073515	Hs.114948	2.2	1669 1670 6062
40	425856	hypothetical protein FLJ13993	AA364908	Hs.98927	2.1	2151 6403
	405401	C12001565*:gij11067002 gb AAG02570.1		•	2.1	4780
	419049	ESTs	Al278445	Hs.43334	2.1	1292 5783
	406796	ribosomal protein L6	Al890167	Hs.349961	2.1	66 4833
45	419584	F-box only protein 24	AF053356	Hs.283764	2.1	1357 1358 5832
45	409672	ESTs	AW971226	Hs.298893	2.1	375 5072
	431189	ESTs	AI627353	Hs.126120	2.1	2758 6846
	455813	gb:QV2-HT0083-071299-018-a11 HT0083			2.1	4509 8315
	450530	cytochrome P450, subfamily 46 (choleste			2.1	4173 4174 8039
50	456600	DKFZP564O0823 protein DKFZP434H204 protein	AL080121	Hs.105460	2.1	4524 4525 8328
50	446904 423956	Homo sapiens clone 25215 mRNA sequei	AL110226	Hs.16441 VHs.136169	2.1 2.1	3875 3876 7795 1877 6214
	449773	ESTs	R76294	Hs.302383	2.1	4113 7991
	457740	KIAA0460 protein	AW500458	Hs.29956	2.1	4560 8358
	437219	ESTs	AW975966	Hs.27788	2.1	3246 7243
55	453983	ESTs	H94997	Hs.16450	2.1	4476 8286
	423944	phosphodiesterase 10A	T91433	Hs.348762	2.1	1876 6213
	405563	ENSP00000248912*:IG lambda chain V re		110.0 107 02	2.1	4790
	404033	C5000413*:gi 202800 gb AAA40703.1  (M			2.1	4736
	423225	Thy-1 cell surface antigen	AA852604	Hs.125359	2.1	1786 6148
60	457458	ESTs	AW972881	Hs.276507	2.1	4552 8352
	436315	hypothetical protein MGC4837	BE390513	Hs.27935	2.1	3182 7187
	438393	Homo sapiens cDNA: FLJ22272 fis, clone	AA351815	Hs.50740	2.1	3319 7309
	449625	odz (odd Oz/ten-m, Drosophila) homolog	NM_014253	Hs.3 49094	2.1	4101 4102 7982
~ ~	448390	hypothetical protein	AL035414	Hs.21068	2.1	3999 7897
65	456549	ESTs	AA283740	Hs.89211	2.1	4523 8327
	419694	hypothetical protein FLJ22029	AW293506	Hs.285243	2.1	1372 5845
	426659	ESTs, Weakly similar to T21371 hypothet	AA382928	Hs.16450	2.1	2260 6478
	401628	ENSP00000219101*:WWP2.			2.1	4657
70	430444	ESTs	AW296421	Hs.121035	2.1	2700 6806
70	424911	ESTs	AA984364	Hs.7913	2.1	2026 6317
	422810	Ksp37 protein	AA317400	Hs.98785	2.1	1743 6116
	458935	CDP-diacylglycerol synthase (phosphatid		Hs.24812	2.1	4585 4586 8382
	459487		AA699665	05040	2.1	4593 8389
75	447771	ESTs	BE505004	Hs.25348	2.1	3963 7865
15	436748	collagen, type VI, alpha 2	BE159107	Hs.159263	2.1	3212 7213
	433417	Homo sapiens, Similar to RIKEN cDNA 58			2.1	2976 7017
	411101	gb:RC2-CT0298-300100-014-h09 CT0298 ESTs			2.1	514 5174
	408953 457067	hypothetical protein FLJ22624	AW297144 R36022	Hs.335802	2.1	282 5004 4530 8340
80	441405	ESTs	AW136087	Hs.179566 Hs.126896	2.1 2.1	4539 8340 3517 7490
55	400360	Homo sapiens pregnancy-induced hyperte		113.120090	2.1	16 17 4623
	435384	gb:ac29b10.s1 Stratagene ovary (937217)		Hs.380314	2.1	3122 7138
	442117	ESTs; hypothetical protein for IMAGE:44		Hs.128899	2.1	3551 7523
_	422766	heparan sulfate (glucosamine) 3-O-sulfo		Hs.159572	2.1	1735 6111
85	406904	gb:Human SEF2-1D protein (SEF2-1D) m			2.1	75 76 4841
T.	418383	ESTs	AA218986	Hs.118854	2.1	1224 5733
					* *	

	401583	Tamet Even			2.1	AGEE
	401383	Target Exon NM_025040:Homo sapiens hypothetical p	aro.		2.1	4655 4675
	423604	ESTs	AA486585	Hs.258901	2.1	1825 6178
	402888	Target Exon	AV400202	115.230301	2.1	4698
5	443620	ESTs, Weakly similar to ALU7_HUMAN A	111 AIN79575	He 134540	2.1	3630 7593
	428046	ESTs, Moderately similar to 138022 hypo		Hs.337534	2.1	2393 6579
	419198	ESTs	AA234938	Hs.87384	2.1	1315 5800
	446918	KIAA1577 protein	AL135125	Hs.13913	2.1	3877 7796
	447720	ESTs	AL038765	Hs.161304	2.1	3952 7858
10	440483	ESTs	AI200836	Hs.356890	2.1	3467 7446
	416406	lipoma HMGIC fusion partner-like 2	D86961	Hs.79299	2.1	1001 1002 5564
	448997	hypothetical protein FLJ20898	AA130390	Hs.25549	2.1	4057 7941
	425403	Human DNA sequence from clone 1198H				2103 6371
	457646	ESTs	AA725650	Hs.112948	2.1	4559 8357
15	413482	ESTs	AA129869	Hs.197143	2.1	727 5344
	427778	ESTs	AA412323	Hs.105323	2.1	2368 6559
	419043	ets variant gene 1	T19167	Hs.89566	2.1	1291 5782
	421568	ESTs	W85858	Hs.99804	2.1	1565 5985
••	421398	vav 2 oncogene	AW629852	Hs.4248	2.1	1540 5970
20	424551	KIAA0320 protein	AB002318	Hs.150443	2.1	1970 1971 6278
	401754	C17002014*:gi 12740832 ref XP_008642	.2		2.1	4659
	405230	C2001066:gi 10257425 ref NP_033892.1			2.1	4773
	419700	galactokinase 1	AF084935	Hs.92357	2.1	1373 1374 5846
25	400135	Eos Control		Hs.118890	2.1	4597
25	408209	ets variant gene 5 (ets-related molecul	NM_004454	Hs.4 3697	2.1	204 205 4944
	404685	NM_022127:Homo sapiens solute carrier			2.1	4758
	454013	growth hormone releasing hormone	L00137	Hs.37023	2.1	4479 4480 8289
	446048	KIAA1811 protein	AI272364	Hs.182081	2.1	3815 7743
30	433323	ESTs	AA805132	Hs.159142	2.1	2970 7011
30	436773	PC4 and SFRS1 interacting protein 1	AW078629	Hs.351305	2.1	3215 7216
	415345	gb:HSC11C121 normalized infant brain of		11- 44050	2.1	924 5500
	452997	ESTs	N64777	Hs.44656	2.1	4377 8205
	423582	Homo sapiens cDNA FLJ11812 fis, clone		Hs.23837	2.1	1821 6174
35	423508	hepatitis A virus cellular receptor 1 EST	AW604297	Hs.129711	2.1	1814 6168
55	437544 448211		AL037786	Hs.210786 Hs.6451	2.1	3269 7263
	421100	PRO0659 protein Homo sapiens cDNA: FLJ21763 fis, clone	BE384592	Hs.124660	2.1 2.1	3989 7888
	414611	Homo sapiens cDNA FLJ13656 fis, clone		Hs.85077	2.1	1505 5944 837 5437
	400098	Eos Control	F AA(145505	П5.03011	2.1	4596
40	414443	platelet-derived growth factor receptor	AU077268	Hs.76144	2.1	817 5421
10	429091	ESTs	AA935658	Hs.374241	2.1	2512 6671
	410295	nidogen (enactin)	AA741357	Hs.356624	2.1	450 5127
	435397	ESTs .	AI809920	Hs.199676	2.1	3123 7139
	430228	ESTs, Highly similar to T00391 hypothet		Hs.6382	2.1	2663 6780
45	451302	ESTs	H39006	713.000E	2.1	4223 8080
	414633	gb:zl07b07.s1 Soares_pregnant_uterus_h			2.1	839 5439
	450408	ESTs	AI694959	Hs.202340	2.1	4164 8032
	452328	ESTs	AA805679	Hs.61271	2.1	4315 8153
	421197	gb:zt21g02.r1 Soares ovary tumor NbHO		Hs.344806	2.1	1516 5953
50	438816	gb:PM0-LT0017-031299-001-c07 LT0017		329	2.1	3354 7338
	439791	ESTs	H77774	Hs.35755	2.1	3432 7415
	440326	ESTs	AW630250	Hs.132161	2.1	3466 7445
	458846	ESTs	A1589615	Hs.185602	2.1	4582 8379
	403433	NM_001622:Homo sapiens alpha-2-HS-g	lyco		2.1	4720
55	426773	KIAA0440 protein	NM_015556	Hs.1 72180	2.1	2269 2270 6484
	404917	Target Exon			2.1	4764
	417272	ESTs	AA343751	Hs.85992	2.1	1093 5633
	428433	ESTs	AA521410	Hs.41371	2.1	2442 6620
60	449634	ESTs	AI656553	Hs.197715	2.0	4103 7983
60	434241	Homo sapiens PRO3077 mRNA, complete	e cas AF 11991	13	2.0	3034 3035 7067
	402001	Target Exon	A1404004	U- 200174	2.0	4673
	427876	ESTs	Al494291	Hs.369171	2.0	2381 6569
	409112 445289	quinone oxidoreductase homolog	BE243971	Hs.50649	2.0	306 5022
65	408870	ESTs ESTs	AW275575 AA058586	Hs.371247 Hs.129907	2.0 2.0	3756 7698 271 4996
05	419536	gb:np12d11.s1 NCI_CGAP_Pr3 Homo sa			2.0	1347 5826
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	455046	gb:PM0-CT0237-141099-001-c06 CT0237			2.0	4504 8310
	424291	ephrin-B1	AL120051	Hs.144700	2.0	1931 6249
70	440966	ESTs, Weakly similar to MCAT_HUMAN N				3491 7467
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	405651	Target Exon		7 1.0.227 000	2.0	4791
75	423925	Human clone 23629 mRNA sequence	AW003668	Hs.135587	2.0	1873 6211
	429955	ESTs, Weakly similar to ZN91_HUMAN Z			2.0	2625 6753
	426514	bone morphogenetic protein 7 (osteogeni		Hs.170195	2.0	2246 6470
	448019	ESTs, Moderately similar to I38022 hypo		Hs.195641	2.0	3970 7872
	412902	gb:QV0-BN0147-290400-214-c01 BN0147			2.0	654 5289
80	427400	hypothetical protein FLJ11939	AW245084	Hs.94229	2.0	2325 6525
	423648	hypothetical protein FLJ20449	AK000456	Hs.130546	2.0	1833 1834 6184
	450785	Homo sapiens, alpha-1 (VI) collagen	AA852713	Hs.108885	2.0	4193 8056
	420743	ESTs	AA279885	Hs.99745	2.0	1475 5921
0.5	449851	ESTs	AW207738	Hs.231946	2.0	4118 7996
85	419437	neogenin (chicken) homolog 1	U61262	Hs.90408	2.0	1338 1339 5820
	430891	G protein-coupled receptor 8	U22492	Hs.248118	2.0	2737 2738 6832

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	403404	gb:aa24c01.r1 NCI_CGAP_GCB1 Homo	sapien AA465	314	1.9 1.9	4718
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5	436838	ESTs	AL045916 AW978101	Hs.179972 Hs.291787	1.9	3219 7220
,	429150	smoothened (Drosophila) homolog	AF120103	Hs.197366	1.9	2519 2520 6677
	420103	aldehyde dehydrogenase 1 family, memb		Hs.95197	1.9	1416 5878
	446936	ESTs	H10207	Hs.47314	1.9	3880 7798
	423961	periostin (OSF-2os)	D13666	Hs.136348	1.9	1878 1879 6215
10	440704	insulin-like growth factor binding prot	M69241	Hs.162	1.9	3482 3483 7459
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	435931	RNA binding motif protein 9	AI077464	Hs.351478	1.9	3163 7171
	426138	Homo sapiens clone 23798 and 23825 m		Hs.167036	1.9	2178 6423
	426054	ELAV (embryonic lethal, abnormal vision		Hs.166109	1.9	2164 2165 6413
15	427375	metallocarboxypeptidase CPX-1	AL035460	Hs.177536	1.9	2320 2321 6522
10	423600		- Al633559	Hs.310359	1.8	1824 6177
	420705	fetal Alzheimer antigen	AB032251		1.8	1471 1472 5919
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20	413195	integrin, alpha 11	NM_012211 AA127382		1.8	2787 2788 6870
20	425064	protease, serine, 12 (neurotrypsin, mot ESTs		Hs.22404		686 5316
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30	452862	ADAMTS2 (a disintegrin-like and metall	AW378065	Hs.8687	1.8	4360 8190
30	429910	5-hydroxytryptamine (serotonin) recepto	NM_000867		1.8	2617 2618 6747
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	437327	Homo sapiens mRNA; cDNA DKFZp761L				3252 7249
25	435908	Homo sapiens mRNA for KIAA1755 prote		Hs.114085	1.8	3162 7170
35	422213	ESTs	AA306385	Hs.133160	1.8	1660 6055
	415910	chemokine (C-X3-C) receptor 1	U20350	Hs.78913	1.8	957 958 5527
	425297	gb:EST63062 Jurkat T-cells V Homo sapi			1.8	2086 6361
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40	410345	gb:hi29d09.x1 NCI_CGAP_Co14 Homo s			1.8	454 5130
40	423013	secreted modular calcium-binding protei		Hs.22209	1.8	1769 6135
	447691	sperm acrosome associated 1	AI809484	Hs.161241	1.8	3948 7855
	421044	Human DNA sequence from clone RP1-2				1499 1500 5939
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45	403451	Target Exon			1.7	4721
	421016	transcription factor 3 (E2A immunoglobu	AA504583	Hs.101047	1.7	1497 5937
	432842	hypothetical protein MGC4485	AW674093	Hs.334822	1.7	2911 6966
	446782	ESTs	A1653048	Hs.144006	1.7	3872 7792
50	412182	Splicing factor, arginine/serine-rich,	AA205588	Hs.73737	1.7	577 5226
50	419745	slug (chicken homolog), zinc finger pro	AF042001	Hs.93005	1.7	1381 1382 5851
	404394	ENSP00000241075:TRRAP PROTEIN.			1.7	4747
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	405387	NM_022170*:Homo sapiens Williams-Bet	IFOO			
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<i>55</i>	440676	LIM and senescent cell antigen-like dom	NM_004987	Hs.1 12378	1.7	3479 3480 7457
55	404208	LIM and senescent cell antigen-like dom C6001282:gi 4504223 ref NP_000172.1	NM_004987		1.7 1.7	3479 3480 7457 4740
55	404208 437118	LIM and senescent cell antigen-like dom C6001282:gi 4504223 ref NP_000172.1  cCD9 partner 1	NM_004987 31 AB037857	Hs.1 12378 Hs.300591	1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235
55	404208 437118 403790	LIM and senescent cell antigen-like dom C6001282:gi 4504223 ref NP_000172.1  o CD9 partner 1 NM_001334*:Homo sapiens cathepsin O	NM_004987 gl AB037857 (CT	Hs.300591	1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728
55	404208 437118 403790 431467	LIM and senescent cell antigen-like dom C6001282:gil4S04223 ref NP_000172.1  (CD9 partner 1 NM_001334*:Homo sapiens cathepsin O Homo sapiens mRNA; cDNA DKFZp434E	NM_004987 gl AB037857 (CT 0528 ( N7183	Hs.300591 1 Hs.256398	1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871
	404208 437118 403790 431467 432439	LIM and senescent cell antigen-like dom C6001282:gi 4504223 ref NP_000172.1  cCD9 partner 1 NM_001334*:Homo sapiens cathepsin O Homo sapiens mRNA; cDNA DKFZp434E Homo sapiens cDNA FLJ12394 fis, clone	NM_004987 gl AB037857 (CT :0528 ( N7183 M AW972926	Hs.300591 1 Hs.256398 Hs.209209	1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937
<ul><li>55</li><li>60</li></ul>	404208 437118 403790 431467 432439 405203	LIM and senescent celf antigen-like dom C6001282:gi 4504223 ref NP_000172.1 .g CD9 partner 1 NM_001334*:Homo sapiens cathepsin O Homo sapiens mRNA; cDNA DKFZp434E Homo sapiens cDNA FLJ12394 fis, clone NM_002086*:Homo sapiens growth factor	NM_004987 pl AB037857 (CT 0528 ( N7183 M AW972926	Hs.300591 1 Hs.256398 Hs.209209	1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772
	404208 437118 403790 431467 432439 405203 426413	LIM and senescent cell antigen-like dom C6001282:gil4504223 ref NP_000172.1  gCD9 partner 1 NM_001334*:Horno sapiens cathepsin O Homo sapiens mRNA; cDNA DKFZp434E Horno sapiens cDNA FLJ12394 fis, clone NM_02086*:Horno sapiens growth factor gb:EST90805 Synovial sarcoma Horno sa	NM_004987 gl AB037857 (CT 0528 ( N7183 M AW972926 r ppie AA377823	Hs.300591 1 Hs.256398 Hs.209209	1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453
	404208 437118 403790 431467 432439 405203 426413 443813	LIM and senescent cell antigen-like dom C6001282:gil4504223 ref NP_000172.1 st CD9 partner 1 NM_001334*:Horno sapiens cathepsin O Homo sapiens mRNA; cDNA DKFZp434E Horno sapiens cDNA FLJ12394 fis, clone NM_002086*:Horno sapiens growth factor gb:EST90805 Synovial sarcoma Horno se Horno sapiens mRNA; cDNA DKFZp667L	NM_004987 gl AB037857 (CT 0528 ( N7183 M AW972926 r ppie AA377823	Hs.300591 1 Hs.256398 Hs.209209 3 372 Hs.93961	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610
	404208 437118 403790 431467 432439 405203 426413 443813 440650	LIM and senescent cell antigen-like dom C6001282:gil4504223 ref NP_000172.1 x CD9 partner 1  NM_001334*:Homo sapiens cathepsin O Homo sapiens mRNA; cDNA DKFZp434E Homo sapiens cDNA FLJ12394 fis, clone NM_002086*:Homo sapiens growth facto gb:EST90805 Synovial sarcoma Homo sa Homo sapiens mRNA; cDNA DKFZp667C Human DNA sequence from PAC 75N13	NM_004987 gl AB037857 (CT 0528 ( N7183 M AW972926 r ppie AA377823 0095 (f AA8763 on ch R44692	Hs.300591  1 Hs.256398 Hs.209209  3 372 Hs.93961 Hs.326801	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455
60	404208 437118 403790 431467 432439 405203 426413 443813 440650 412454	LIM and senescent cell antigen-like dom C6001282:gil4504223 ref NP_000172.1  cCD9 partner 1 NM_001334*:Homo sapiens cathepsin O Homo sapiens mRNA; cDNA DKFZp434E Homo sapiens cDNA FLJ12394 fis, clone NM_002086*:Homo sapiens growth factor gb:EST90805 Synovial sarcoma Homo sa Homo sapiens mRNA; cDNA DKFZp667C Human DNA sequence from PAC 75N13.	NM_004987 gl AB037857 (CT 0528 ( N7183 M AW972926 r ppie AA377823 0095 (f AA8763 on ch R44692 R55745	Hs.300591 1 Hs.256398 Hs.209209 3 372 Hs.93961 Hs.326801 Hs.75236	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455 590 5238
	404208 437118 403790 431467 432439 405203 426413 443813 440650 412454 447198	LIM and senescent cell antigen-like dom C6001282:gil4504223 ref[NP_000172.1] (CD9 partner 1 NM_001334":Horno sapiens cathepsin O Homo sapiens mRNA; cDNA DKFZp434E Horno sapiens cDNA FLJ12394 fis, clone NM_02086":Horno sapiens growth factor gb:EST90805 Synovial sarcoma Horno sapiens mRNA; cDNA DKFZp667C Human DNA sequence from PAC 75N13:ESTs	NM_004987 jl AB037857 (CT .0528 ( N7183 M AW972926 rr pipie AA377823 0095 (f AA876) on ch R44692 R55745 D61523	Hs.300591  1 Hs.256398 Hs.209209  3  372 Hs.93961 Hs.326801 Hs.75236 Hs.283435	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455 590 5238 3898 7814
60	404208 437118 403790 431467 432439 405203 426413 443813 440650 412454 447198 432975	LIM and senescent cell antigen-like dom C6001282:gil4S04223[ref]NP_000172.1[s CD9 partner 1 NM_001334*:Horno sapiens cathepsin O Homo sapiens mRNA; cDNA DKFZp434E Horno sapiens cDNA FLJ12394 fis, clone NM_002086*:Horno sapiens growth factor gb:EST90805 Synovial sarcoma Horno sa Horno sapiens mRNA; cDNA DKFZp667L Hurnan DNA sequence from PAC 75N13:ESTs chimerin (chimaerin) 2	NM_004987 pl AB037857 (CT 00528 ( N7183 M AW972926 ripie AA377823 0095 (f AA876: on ch R44692 R55745 D61523 AA331517	Hs.300591  1 Hs.256398 Hs.209209  3  372 Hs.93961 Hs.326801 Hs.75236 Hs.283435 Hs.286055	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455 590 5238 3898 7814 2920 6974
60	404208 437118 403790 431467 432439 405203 426413 443813 440650 412454 447198 432975 445139	LIM and senescent cell antigen-like dom C6001282:gil4504223 ref NP_000172.1 st CD9 partner 1 NM_001334*:Homo sapiens cathepsin O Homo sapiens mRNA; cDNA DKFZp434E Homo sapiens cDNA FLJ12394 fis, clone NM_002086*:Homo sapiens growth facto gb:EST90805 Synovial sarcoma Homo sa Homo sapiens mRNA; cDNA DKFZp667Z Human DNA sequence from PAC 75N13:ESTs ESTs ESTs chimerin (chimaerin) 2 synaptotagmin XIII	NM_004987 Jl AB037857 (CT 10528 ( N7183 M AW972926 r ppie AA377823 1095 (f AA876: on ch R44692 R55745 D61523 AA331517 AB037848	Hs.300591  1 Hs.256398 Hs.209209  3 372 Hs.93961 Hs.326801 Hs.75236 Hs.283435 Hs.286055 Hs.12365	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455 590 5238 3898 7814 2920 6974 3746 3747 7691
60	404208 437118 403790 431467 432439 405203 426413 443813 440650 412454 447198 432975 445139 433212	LIM and senescent cell antigen-like dom C6001282:gi 4504223 ref NP_000172.1 cf CD9 partner 1 NM_001334*:Horno sapiens cathepsin O Horno sapiens mRNA; cDNA DKFZp434E Horno sapiens cDNA FLJ12394 fis, clone NM_002086*:Horno sapiens growth factor gb:EST90805 Synovial sarcoma Horno sapiens mRNA; cDNA DKFZp667C Human DNA sequence from PAC 75N13:ESTs chimerin (chimaerin) 2 synaptotagmin XIII	NM_004987 )I AB037857 (CT .0528 ( N7183 M AW972926 ·r pie AA377823 .095 (f AA876: on ch R44692 R55745 D61523 AA331517 AB037848 BE218049	Hs.300591  1 Hs.256398 Hs.209209  3 372 Hs.93961 Hs.326801 Hs.75236 Hs.283435 Hs.286055 Hs.12365 Hs.121820	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455 590 5238 3898 7814 2920 6974 3745 774591 2956 7001
60 65	404208 437118 403790 431467 432439 405203 426413 443813 440650 412454 447198 432975 445139 433212 442739	LIM and senescent cell antigen-like dom C6001282:gil4504223 ref[NP_000172.1] cCD9 partner 1 NM_001334*:Horno sapiens cathepsin O Homo sapiens mRNA; cDNA DKFZp434E Horno sapiens cDNA FLJ12394 fis, clone NM_002086*:Horno sapiens growth factor gb:EST90805 Synovial sarcoma Horno sa Horno sapiens mRNA; cDNA DKFZp667C Hurnan DNA sequence from PAC 75N13: ESTs chimerin (chimaerin) 2 synaptotagmin XIII ESTs cytosolic acyl coenzyme A thioester hyd	NM_004987 JI AB037857 (CT 0528 ( N7183 M AW972926 (r) pile AA377823 095 (f AA876: on ch R44692 R55745 D61523 AA331517 AB037848 BE218049 NM_007274	Hs.300591  1 Hs.256398 Hs.209209  3 372 Hs.93961 Hs.326801 Hs.283435 Hs.286055 Hs.12365 Hs.12365 Hs.121820 Hs.8 679	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455 590 5238 3898 7814 2920 6974 3746 3747 7691 2956 7001 3581 3582 7550
60	404208 437118 403790 431467 432439 405203 426413 443813 440650 412454 447198 432975 445139 433212 442739 420208	LIM and senescent cell antigen-like dom C6001282:gil4504223[ref[NP_000172.1] cCD9 partner 1 NM_001334*:Horno sapiens cathepsin O Homo sapiens mRNA; cDNA DKFZp434E Horno sapiens cDNA FLJ12394 fis, clone NM_002086*:Horno sapiens growth factor gb:EST90805 Synovial sarcoma Horno se Horno sapiens mRNA; cDNA DKFZp667D Human DNA sequence from PAC 75N13: ESTs chimerin (chimaerin) 2 synaptotagmin XIII ESTs cytosolic acyl coenzyme A thioester hyd silver (mouse homolog) like	NM_004987 pl AB037857 (CT 00528 ( N7183 M AW972926 ripie AA377823 0095 (f AA876: 000 ch R44692 R55745 D61523 AA331517 AB037848 BE218049 NM_007274 BE276055	Hs.300591  1 Hs.256398 Hs.209209  3 372 Hs.93961 Hs.326801 Hs.75236 Hs.286055 Hs.12365 Hs.12365 Hs.12367 Hs.8679 Hs.95972	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455 590 5238 3898 7814 2920 6974 3746 3747 7691 2956 7001 3581 3582 7550 1431 5891
60 65	404208 437118 403790 431467 431467 432439 405203 426413 443813 440650 412454 447198 432975 445139 433212 442739 420208 425841	LIM and senescent cell antigen-like dom C6001282:gi 4504223 ref NP_000172.1  cCD9 partner 1 NM_001334*:Horno sapiens cathepsin O Horno sapiens mRNA; cDNA DKFZp434E Horno sapiens cDNA FLJ12394 fis, clone NM_002086*:Horno sapiens growth factor gb:EST90805 Synovial sarcoma Horno sa Horno sapiens mRNA; cDNA DKFZp667E Hurman DNA sequence from PAC 75N13. ESTs eSTs chimerin (chimaerin) 2 synaptotagmin XIII ESTs cytosolic acyl coenzyme A thioester hyd silver (mouse hornolog) like ESTs	NM_004987 JI AB037857 (CT 0528 ( N7183 M AW972926 (r) pile AA377823 095 (f AA876: on ch R44692 R55745 D61523 AA331517 AB037848 BE218049 NM_007274	Hs.300591  1 Hs.256398 Hs.209209  3 Hs.326801 Hs.75236 Hs.283435 Hs.286055 Hs.12365 Hs.12365 Hs.12365 Hs.1820 Hs.8 679 Hs.95972 Hs.99052	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455 590 5238 3898 7814 2920 6974 3746 3747 7691 2956 7001 3581 3582 7550 1431 5891 2148 6400
60 65	404208 437118 403790 431467 431467 432439 405203 426413 443813 440650 412454 447198 432975 445139 433212 442739 420208 425841 404977	LIM and senescent cell antigen-like dom C6001282:gi 4504223 ref NP_000172.1  cCD9 partner 1 NM_001334":Horno sapiens cathepsin O Horno sapiens mRNA; cDNA DKFZp434E Horno sapiens cDNA FLJ12394 fis, clone NM_002086":Horno sapiens growth factor gb:EST90805 Synovial sarcoma Horno sapiens mRNA; cDNA DKFZp667C Human DNA sequence from PAC 75N13 ESTs eSTs chimerin (chimaerin) 2 synaptotagmin XIII ESTs cytosolic acyl coenzyme A thioester hyd silver (mouse hornolog) like ESTs Insulin-like growth factor 2 (somatomed	NM_004987 )1 AB037857 (CT .0528 ( N7183 M AW972926 ·/ .095 ( f AA876: .095 ( f AA87	Hs.300591  1 Hs.256398 Hs.209209  3 372 Hs.93961 Hs.326801 Hs.75236 Hs.283435 Hs.286055 Hs.12365 Hs.121820 Hs.8 679 Hs.95972 Hs.99052	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455 590 5238 3898 7814 2920 6974 3746 3747 7691 2956 7001 3581 3582 7550 1431 5891 2148 6400 4766
60 65	404208 437118 403790 431467 432439 405203 426413 443813 440650 412454 447198 432975 445139 433212 442739 420208 425841 404977 447565	LIM and senescent cell antigen-like dom C6001282:gil4504223 ref[NP_000172.1] cCD9 partner 1 NM_001334*:Horno sapiens cathepsin O Homo sapiens mRNA; cDNA DKFZp434E Horno sapiens cDNA FLJ12394 fis, clone NM_02086*:Horno sapiens growth factor gb:EST90805 Synovial sarcoma Horno sapiens mRNA; cDNA DKFZp667E Hurnan DNA sequence from PAC 75N13:ESTs chimerin (chimaerin) 2 synaptotagmin XIII ESTs cytosolic acyl coenzyme A thioester hyd silver (mouse homolog) like ESTs Insulin-like growth factor 2 (somatomed chromosome 12 open reading frame	NM_004987 JI AB037857 (CT 0528 ( N7183 M AW972926 (r) pile AA377823 095 (f AA876: 001 ch R44692 R55745 D61523 AA331517 AB037848 BE218049 NM_007274 BE276055 BE262951 AF052105	Hs.300591  1 Hs.256398 Hs.209209  3 372 Hs.93961 Hs.75236 Hs.283435 Hs.286055 Hs.12365 Hs.12365 Hs.12365 Hs.12365 Hs.95972 Hs.99052 Hs.18879	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455 590 5238 3898 7814 2920 6974 3746 3747 7691 2956 7001 3581 3582 7550 1431 5891 2148 6400 4766 3939 7846
60 65 70	404208 437118 403790 431467 431467 432439 405203 443813 440650 412454 447198 432975 445139 432975 445139 420208 425841 404977 447565 433013	LIM and senescent cell antigen-like dom C6001282:gil4504223 ref NP_000172.1 st CD9 partner 1 NM_001334*:Horno sapiens cathepsin O Homo sapiens mRNA; cDNA DKFZp434E Horno sapiens cDNA FLJ12394 fis, clone NM_002086*:Horno sapiens growth factor gb:EST90805 Synovial sarcoma Horno sa Horno sapiens mRNA; cDNA DKFZp667L Hurnan DNA sequence from PAC 75N13:ESTs chimerin (chimaerin) 2 synaptotagmin XIII ESTs cytosolic acyl coenzyme A thioester hyd silver (mouse homolog) like ESTs Insulin-like growth factor 2 (somatomed chromosome 12 open reading frame axin 2 (conductin, axil)	NM_004987 pl AB037857 (CT 00528 ( N7183 M AW972926 (r ppie AA377823 0095 (f AA876: 00 c c h R44692 R55745 D61523 AA331517 AB037848 BE218049 NM_007274 BE276055 BE262951 AF052105 AI697890	Hs.300591  1 Hs.256398 Hs.209209  3 Hs.326801 Hs.75236 Hs.286055 Hs.12365 Hs.12365 Hs.12365 Hs.12820 Hs.8 679 Hs.95972 Hs.99052  Hs.18879 Hs.127337	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455 590 5238 3898 7814 2920 6974 3746 3747 7691 2956 7001 3581 3582 7550 1431 5891 2148 6400 4766 3939 7846 2927 6979
60 65	404208 437118 403790 431467 431467 432439 405203 426413 443813 440650 412454 447198 432975 445139 433212 442739 420208 425841 404977 447565 433013 425082	LIM and senescent cell antigen-like dom C6001282:gil4504223 ref NP_000172.1  cCD9 partner 1 NM_001334*:Horno sapiens cathepsin O Horno sapiens mRNA; cDNA DKFZp434E Horno sapiens cDNA FLJ12394 fis, clone NM_002086*:Horno sapiens growth factor gb:EST90805 Synovial sarcoma Horno saHorno sapiens mRNA; cDNA DKFZp637E Hurnan DNA sequence from PAC 75N13:ESTs chimerin (chimaerin) 2 synaplotagmin XIII ESTs cytosolic acyl coenzyme A thioester hyd silver (mouse hornolog) like ESTs Insulin-like growth factor 2 (somatomed chromosome 12 open reading frame axin 2 (conductin, axil) inositol 1,4,5-triphosphate receptor, t	NM_004987 )1 AB037857 (CT (OS28 ( N7183 M AW972926 r 1095 (f AA876: 0095 (f AA876: 001 ch R44692 R55745 D61523 AA331517 AB037848 BE218049 NM_007274 BE276055 BE262951 AF052105 AI697890 N44238	Hs.300591  1 Hs.256398 Hs.209209  3 Hs.293961 Hs.326801 Hs.75236 Hs.283435 Hs.286055 Hs.12365 Hs.12365 Hs.12365 Hs.195972 Hs.95972 Hs.99052 Hs.18879 Hs.127337 Hs.102991	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455 590 5238 3898 7814 2920 6974 3745 3747 7691 2956 7001 3581 3582 7550 1431 5891 1431 5891 1431 5891 2148 6400 4766 3939 7846 2927 6979 2048 6333
60 65 70	404208 437118 403790 431467 432439 405203 426413 443813 440650 412454 447198 432975 445139 433212 442739 420208 425841 404977 447565 433013 425082 448299	LIM and senescent cell antigen-like dom C6001282:gi 4504223 ref NP_000172.1  cCD9 partner 1 NM_001334":Horno sapiens cathepsin O Horno sapiens mRNA; cDNA DKFZp434E Horno sapiens cDNA FLJ12394 fis, clone NM_002086":Horno sapiens growth factor gb:EST90805 Synovial sarcoma Horno sahorno sapiens mRNA; cDNA DKFZp667C Human DNA sequence from PAC 75N13 ESTs eSTs chimerin (chimaerin) 2 synaptotagmin XIII ESTs cytosolic acyl coenzyme A thioester hyd silver (mouse hornolog) like ESTs Insulin-like growth factor 2 (somatomed chromosome 12 open reading frame axin 2 (conductin, axil) inositol 1,4,5-triphosphate receptor, t hypothetical protein FLJ10392	NM_004987 JI AB037857 (CT 0528 ( N7183 M AW972926 Fr Ipie AA377823 1095 (f AA876: 0095 (f AA876: 061523 AA331517 AB037848 BE218049 NM_007274 BE276055 BE262951 AF052105 AF052105 AI697890 NH4238 AA497044	Hs.300591  1 Hs.256398 Hs.209209  3 372 Hs.93961 Hs.326801 Hs.326801 Hs.28435 Hs.286055 Hs.12365 Hs.12365 Hs.12462 Hs.8 679 Hs.95972 Hs.99052  Hs.18879 Hs.127337 Hs.102991 Hs.120887	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455 590 5238 3898 7814 2920 6974 3746 3747 7691 2956 7001 3581 3582 7550 1431 5691 2148 6400 4766 3939 7846 2927 6979 2048 6333 3992 7891
60 65 70	404208 437118 403790 431467 432439 405203 426413 443813 440650 412454 447198 432975 445139 420208 425841 404977 447565 433013 425082 448299 432682	LIM and senescent cell antigen-like dom C6001282:gil4504223 ref[NP_000172.1] cCD9 partner 1 NM_001334*:Horno sapiens cathepsin O Homo sapiens mRNA; cDNA DKFZp434E Horno sapiens cDNA FLJ12394 fis, clone NM_02086*:Horno sapiens growth factor gb:EST90805 Synovial sarcoma Horno sapiens mRNA; cDNA DKFZp667C Hurnan DNA sequence from PAC 75N13:ESTs chimerin (chimaerin) 2 synaptotagmin XIII ESTs cytosolic acyl coenzyme A thioester hyd silver (mouse homolog) like ESTs Insulin-like growth factor 2 (somatomed chromosome 12 open reading frame axin 2 (conductin, axil) inositol 1,4,5-triphosphate receptor, t hypothetical protein FLJ10392 ESTs	NM_004987 JI AB037857 (CT 00528 ( N7183 M AW972926 (r) pile AA377823 0095 (f AA876: 0095 (f AA876: 0016523 AA331517 AB037848 BE218049 NM_007274 BE276055 BE262951 AF052105 AI697890 N44238 AA497044 AI376400	Hs.300591  1 Hs.256398 Hs.209209  3 372 Hs.93961 Hs.75236 Hs.283435 Hs.286055 Hs.12365 Hs.121820 Hs.8 679 Hs.95972 Hs.99052  Hs.18879 Hs.127337 Hs.102991 Hs.20887 Hs.159588	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455 590 5238 3898 7814 2920 6974 3746 3747 7691 2956 7001 3581 3582 7550 1431 5891 2148 6400 4766 3939 7846 2927 6979 2048 6333 3992 7891 2896 6955
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60 65 70 75	404208 437118 403790 431467 432439 405203 426413 443813 440650 412454 447198 432975 445139 433212 442739 420208 425841 404977 447565 433013 425082 448299 432682 407054 430238 421917 445537 421948 4228418	LIM and senescent cell antigen-like dom C6001282:gi 4504223 ref NP_000172.11 (cCD9 partner 1 NM_001334":Horno sapiens cathepsin O Horno sapiens mRNA; cDNA DKFZp434E Horno sapiens cDNA FLJ12394 fis, clone NM_002086":Horno sapiens growth factor gb:EST90805 Synovial sarcoma Horno sapiens mRNA; cDNA DKFZp667C Human DNA sequence from PAC 75N13 ESTs chimerin (chimaerin) 2 synaptotagmin XIII ESTs cytosolic acyl coenzyme A thioester hyd silver (mouse hornolog) like ESTs Insulin-like growth factor 2 (somatomed chromosome 12 open reading frame axin 2 (conductin, axil) inositol 1,4,5-triphosphate receptor, thypothetical protein FLJ10392 ESTs gb:H.sapiens NOS2 gene, exon 27. hydroxyacid oxidase 2 (long chain) KIAA1020 protein EGF-like-domain, multiple 6 keratin 6A ESTs	NM_004987    AB037857 (CT 0528 ( N7183 M AW972926   Fr   Ipie AA377823 095 (f AA876) 097274 BE276055 BE262951 AF052105 AF052105 AF052105 AF052105 AF052105 AF97890 N44238 AA497044 AJ376400 X85781 N72519 AB028943 AJ245671 L42583 AJ368826	Hs.300591  1 Hs.256398 Hs.209209  3 372 Hs.93961 Hs.75236 Hs.286055 Hs.12365 Hs.12365 Hs.12365 Hs.127337 Hs.99052  Hs.18879 Hs.127337 Hs.102991 Hs.20887 Hs.1258588 Hs.12844 Hs.334309 Hs.8768 Hs.367942	1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3479 3480 7457 4740 3236 3237 7235 4728 2789 6871 2875 6937 4772 2219 6453 3648 7610 3477 7455 590 5238 3898 7814 2920 6974 2956 7001 3581 3582 7550 1431 5891 2148 6400 4766 3939 7846 2927 6979 2048 6333 3992 7891 2896 6955 2048 6333 3992 7891 2896 6955 2014 4855 2665 6782 1612 1613 6021 3780 3781 7716 1618 1619 6025 2441 6619

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                                                                                                  2933 6985
          422168
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20
                                     The DNA
                              sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.
                               Indicates DNA strand from which exons were predicted.
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23	SEQ ID#:		merator and denominator protein sequences provid		search purpo:	ses		
	Pkey 428087	Gene Name troponin C2, fast		Accession AA100573	UniGene Hs.182421	RATIO 37.1	SEQ ID # 2396 6582	
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	413778		peptide 2, regulatory	AA090235	Hs.75535	33.6	740 5356	
	425545 426752	titin	lone MGC:12401, mRNA	X69490	Hs.158295 Hs.172004	30.2 30.2	2114 6379 2266 2267 6	482
25	409169	(clone PWHLC2-	24) myosin light chain 2	F00991	Hs.50889	27.6	316 5029	
35	400440 407013	nebulin	in mRNA, partial cds	X83957 U35637	Hs.83870 Hs.83870	24.6 23.4	24 25 4627 94 95 4851	
	422867		ric matrix protein (ps	L32137	Hs.1584	22.6	1751 1752 6	122
	428221		sporting, cardiac muscle		Hs.183075	22.3	2408 2409 6	
40	412129 406704	troponin T3, skel	etar, rast olypeptide 7, cardiac mu	M21984 M21665	Hs.73454 Hs.929	22.0 20.7	571 572 522 55 56 4826	2
	406707	myosin, heavy po	olypeptide 2, skeletal m	S73840	Hs.931	20.6	61 62 4829	
	412519 405001	troponin T1, skel	etal, slow scer binding factor 1	AA196241	Hs.73980	18.4 18.3	598 5244 4767	
4.5	417435		ase III, muscle specific	NM_005181	Hs.8 2129	18.2	1121 1122 5	655
45	418205 452838	troponin I, skelet		L21715 U65011	Hs.83760	17.4 17.0	1204 1205 5	
	422633	enolase 3, (beta,	ressed antigen in mel muscle)	X56832	Hs.30743 Hs.118804	16.9	4357 4358 8 1716 1717 6	
	406706		olypeptide 1, skeletał m	X03740	Hs.231581	16.9	59 60 4828	
50	422640 410223	troponin C, slow calsequestrin 1 (	fast-twitch, skeletal	M37984 S73775	Hs.118845 Hs.60708	16.9 15.7	1718 1719 6 433 434 511	
	418391	troponin I, skelet	al, slow	NM_003281	Hs.8 4673	13.9	1228 1229 5	736
	414152 416373	thrombospondin ESTs Weakly sin	4 milar to S12658 cysteine	NM_003248	Hs.7 5774 Hs.73680	13.7 13.7	782 783 539 996 5559	1
<i></i>	417070	titin	mar to 012000 dysteme	Z19077	Hs.172004	13.5	1070 5614	
55	446523 422069	sarcolipin titin-cap (telethor	nin)	NM_003063 AJ010063	Hs.3 34629 Hs.343603	13.4 13.4	3852 3853 7 1635 1636 60	
	431204		dase subunit VIa polype		Hs.250760	13.4	2760 6848	J31
	428405	cholinergic recep	tor, nicotinic, alpha	Y00762	Hs.2266	13.2	2436 2437 6	
60	421566 409096	sarcomeric musc	onse 2 (Krox-20 (Droso le orotein		Hs.1 395 Hs.50550	12.9 12.8	1563 1564 59 302 5019	984
	418533	myosin-binding p	rotein C, fast-type	NM_004533	Hs.8 5937	12.5	1253 1254 5	
	424982 431205	phosphorylase, g tropomodulin 4 (r	ilycogen; muscle (McArdi muscle)	AA194560	Hs.351580 Hs.250763	12.4 12.4	2036 2037 6: 2761 6849	325
<i>(5</i>	408915	heptacellular care	cinoma novel gene-3 pr	NM_016651	Hs.4 8950	12.3	274 275 4998	
65	419138 418390	ryanodine recept		U48508 AF133820	Hs.89631 Hs.84665	12.3 11.6	1309 1310 5	
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	400499		79124 ref NP_032759.1			11.4	4628	
70	430681 426429	ESTs myosin-binding p	rotein C, slow-type	AW969675 X73114	Hs.291232 Hs.169849	11.3 11.1	2719 6819 2224 2225 64	456
	444381	hypothetical prote	ein BC014245	BE387335	Hs.283713	11.1	3697 7652	
	420103 428398	aldehyde dehydn ESTs	ogenase 1 family, membe	er AA382259 AI249368	Hs.95197 Hs.98558	11.1 10.8	1416 5878 2435 6614	
	426300	delta-like homolo	g (Drosophila)	U15979	Hs.169228	10.8	2196 2197 64	437
75	420197	ESTs, Weakly sir	milar to A57291 cytokine	AW139647	Hs.88134	10.6	1429 5889	
	400651 434352	small muscle pro	)31*:COPPER CHAPER( tein, X-linked	AF129505	Hs.86492	10.6 10.5	4636 3047 3048 70	075
	453331	ESTs		AI240665	Hs.352537	10.5	4413 8236	
80	429973 411102	ESTs triadin		AI423317 AA401295	Hs.164680 Hs.23926	10.3 10.3	2628 6756 515 5175	
	416658	fibrillin 2 (congen	ital contractural ar	U03272	Hs.79432	10.1	1020 1021 5	577
	406687		teinase 11 (stromelysi	M31126	Hs.352054	10.1	49 50 4823	
	437206 416378		nilar to 138344 titin, c main 2 (stretch respon	AW975934 AW044467	Hs.172004 Hs.73708	9.9 9.7	3245 7242 997 5560	
85	436519	myozenin		AJ278124	Hs.238756	9.7	3196 3197 72	200
	444329	hypothetical prote	ein FLJ12921	W73753	Hs.209637	9.7	3693 7648	

	440070	Uluman DNA sassassas from along DD2 2	F204 F2F240	U- 00507	0.7	1100 5707
	418072	Human DNA sequence from clone RP3-3		Hs.86507	9.7	1190 5707
	410621	titin	AA194329	Hs.172004	9.6	481 5149
	435370	ESTs	AI964074	Hs.225838	9.5	3120 7136
	419550	KIAA0128 protein; septin 2	D50918	Hs.90998	9.4	1348 1349 5827
5	429997	apolipoprotein B mRNA editing enzyme, o			9.3	2636 2637 6761
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	416349	myomesin (M-protein) 2 (165kD)	X69089	Hs.79227	9.2	991 992 5556
	419301	tenomodulin protein	AA236166	Hs.132957	9.2	1328 5811
	421296	perilipin	NM_002666	Hs.1 03253	9.2	1525 1526 5961
	441134	cellular retinoic acid-binding protein	W29092	Hs.346950	9.2	3500 7475
10	450375	a disintegrin and metalloproteinase dom	AA009647	Hs.352537	9.1	4159 8028
10						
	409028	Z-band alternatively spliced PDZ-motif	AB014513	Hs.49998	8.6	296 297 5015
	423961	periostin (OSF-2os)	D13666	Hs.136348	8.6	1878 1879 6215
	421512	myomegalin	AB007923	Hs.265848	8.5	1554 1555 5979
	444301	asporin (LRR class 1)	AK000136	Hs.10760	8.5	3691 3692 7647
15	411789	Adlican	AF245505	Hs.72157	8.5	553 554 5207
13						
	419050	adenosine monophosphate deaminase 1			8.5	1293 1294 5784
	428698	KIAA1866 protein	AA852773	Hs.334838	8.4	2463 6635
	417689	KIAA0128 protein; septin 2	AA828347	Hs.90998	8.3	1148 5673
	425065	Homo sapiens, clone IMAGE:3603836, m		16 Hs 294151		2042 6329
20	406964	FGENES predicted novel secreted protein			8.2	87 88 4847
20				11- 200444		
	429500	hexabrachion (tenascin C, cytotactin)	X78565	Hs.289114	8.1	2574 2575 6718
	443727	ESTs	Z25389	Hs.18459	8.1	3640 7603
	422311	cytokine receptor-like factor 1	AF073515	Hs.114948	8.0	1669 1670 6062
	414219	ALL1-fused gene from chromosome 1q	W20010	Hs.75823	8.0	789 5397
25	419875	proenkephalin	AA853410	Hs.93557	8.0	1391 5859
23						
	427674	H2B histone family, member Q	NM_003528		7.9	2359 2360 6553
	450300	ESTs, Highly similar to ITH4_HUMAN INT	E AL041440	Hs.58210	7.9	4154 8024
	429134	ESTs	AA446953	Hs.99004	7.9	2514 6673
	418113	SRY (sex determining region Y)-box 4	AI272141	Hs.83484	7.9	1194 5711
30	415672	ESTs	N53097	Hs.193579	7.9	937 5511
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	424408	collagen, type V, alpha 1	AI754813	Hs.146428	7.9 .	1943 6260
	424086	lysyl oxidase	Al351010	Hs.102267	7.8	1896 6227
	424688	myosin, light polypeptide 3, alkali; ve	AA216287	Hs.1815	7.7	1988 6290
	440704	insulin-like growth factor binding prot	M69241	Hs.162	7.7	3482 3483 7459
35	411852	ESTs, Weakly similar to T00329 hypothet			7.7	
55				Hs.107515		555 5208
	451681	ESTs, Weakly similar to AA64_HUMAN 6		Hs.255950	7.7	4245 8097
	423575	intron of periostin (OSF-2os)	C18863	Hs.163443	7.5	1820 6173
	425308	receptor tyrosine kinase-like orphan re	M97639	Hs.155585	7.4	2087 2088 6362
	421458	carbohydrate (keratan sulfate Gal-6) su	NM_003654		7.4	1543 1544 5972
40	417333					
70		bromodomain and PHD finger containing,		Hs.173179	7.4	1096 5636
	418156	nuclear receptor subfamily 1, group I,	W17056	Hs.83623	7.4	1198 5715
	408493	phosphoglycerate mutase 2 (muscle)	BE206854	Hs.46039	7.3	231 4962
	420212	calcium channel, voltage-dependent, L t	NM_000069	Hs.1 294	7.3	1432 1433 5892
	416931	adipose most abundant gene transcript 1		Hs.80485	7.3	1047 1048 5597
45						
73	417074	guanidinoacetate N-methyltransferase	Z49878	Hs.81131	7.3	1071 1072 5615
	417866	collagen, type XI, alpha 1	AW067903	Hs.82772	7.2	1162 5685
	421552	secreted frizzled-related protein 4	AF026692	Hs.105700	7.2	1559 1560 5982
	448493	ESTs	AI524124	Hs.270307	7.2	4006 7903
	442376	Homo sapiens cDNA FLJ12228 fis, clone		Hs.129982	7.2	3557 7529
50						
50	438091	nuclear receptor subfamily 1, group 1,	AW373062	Hs.351546	7.2	3302 7295
	438089	nuclear receptor subfamily 1, group I,	W05391	Hs.351546	7.1	3301 7294
	449048	similar to S68401 (cattle) glucose indu	Z45051	Hs.22920	7.1	4061 7945
	428957	WNT1 inducible signaling pathway protei	NM 003881	Hs.1 94679	7.0	2491 2492 6656
	427639	Homo sapiens, clone MGC:18257, mRNA				2353 6547
55	418054	lysyl oxidase-like 2	NM_002318		7.0	1184 1185 5702
55						
	440042	ESTs	AI073387	Hs.133898	7.0	3448 7430
	408988	Homo sapiens clone TUA8 Cri-du-chat req		Hs.49476	6.9	289 5009
	407112	ESTs, Weakly similar to ALU7_HUMAN A	LU AA07080°	1 Hs.51615	6.9	111 4863
	414443	platelet-derived growth factor receptor	AU077268	Hs.76144	6.9	817 5421
60	425227	ESTs	H84455	Hs.40639	6.8	2069 6348
	414085	aldehyde dehydrogenase 1 family, membe		Hs.75746	6.8	775 5384
	422148	histidine-rich calcium-binding protein	M60052	Hs.1480	6.8	1651 1652 6048
	407204	ESTs, Weakly similar to ALU1_HUMAN A		Hs.140237	6.8	121 4873
c=	441636	Homo sapiens mRNA; cDNA DKFZp566E	183 (f AA0818	346 Hs.7921	6.8	3530 7502
65	453392	SRY (sex determining region Y)-box 11	U23752	Hs.32964	6.8	4416 4417 8239
	434449	hypothetical protein FLJ22041 similar t	AW953484	Hs.3849	6.8	3057 7083
	431089	ESTs, Weakly similar to unknown protein		Hs.374629	6.8	2745 6838
	424375	Homo sapiens clone 24820 mRNA sequel				1939 6256
70	451698	endothelin converting enzyme-like 1	Y16187	Hs.26880	6.7	4249 4250 8100
70	416559	ESTs	AI039195	Hs.128060	6.7	1012 5571
	413011	biglycan	AW068115	Hs.821	6.7	669 5302
	452862	ADAMTS2 (a disintegrin-like and metall	AW378065	Hs.8687	6.7	4360 8190
	420028					
		carbohydrate (N-acetylglucosamine-6-O)		Hs.8786	6.7	1408 1409 5872
75	433577	ESTs	AW007080	Hs.284192	6.7	2989 7028
75	423044	protocadherin 18	AA320829	Hs.97266	6.6 .	1772 6138
	410102	ESTs; homologue of PEM-3 [Ciona savigr	ny AW248508	Hs.279727	6.6	422 5107
	418045	ESTs	A1972919	Hs.118837	6.6	1183 5701
	419745					
		slug (chicken homolog), zinc finger pro	AF042001	Hs.93005	6.6	1381 1382 5851
90	435905	KIAA0456 protein	AW997484	Hs.5003	6.6	3160 7168
80	432408	ESTs, Weakly similar to A46010 X-linked	N39127	Hs.356235	6.5	2872 6934
	439688	hypothetical protein FLJ12921	AW445181	Hs.209637	6.5	3418 7401
	448731	ESTs	AI522273	Hs.173179	6.5	4030 7922
	421143	immunoglobulin superfamily containing I				
	741143		AB024536	Hs.102171	6.5	1510 1511 5949
	100770			HC 137871	6.5	
25	423778	flavin containing monooxygenase 2	Y09267	Hs.132821		1846 1847 6193
85	429892	myomesin 1 (skelemin) (185kD)	NM_003803	Hs.2 504	6.4	2614 2615 6745
85						

	453575	peptidyl arginine deiminase, type II	AB023211	Hs.33455	6.4	4425 4426 8246
	407656	Homo sapiens mRNA; cDNA DKFZp434B	2119 AW747	986 Hs.37443	6.4	148 4893
	420376	protocadherin 18	AL137471	Hs.97266	6.3	1447 1448 5903
-	411296	growth suppressor 1	BE207307	Hs.10114	6.3	524 5183
5	423225	Thy-1 cell surface antigen	AA852604	Hs.125359	6.3	1786 6148
	433235	contactin 3 (plasmacytoma associated)	AB040929	Hs.35089	6.3	2963 2964 7006
	421487	serine/threonine kinase 23	AF027406	Hs.104865	6.3	1548 1549 5975
	402621	Target Exon	, ve		6.3	4684
1.0	420842	hypothetical protein MGC10986	A1083668	Hs.50601	6.3	1485 5929
10	409361	sine oculis homeobox (Drosophila) homol	NM_005982	Hs.5 4416	6.3	344 345 5049
	431183	KDEL (Lys-Asp-Glu-Leu) endoplasmic ret	NM 006855	Hs.250696	6.3	2756 2757 6845
	413199	ELAV (embryonic lethal, abnormal vision		Hs.75236	6.2	687 688 5317
				113.73230		
	418059	gb:zn56d05.s1 Stratagene muscle 93720			6.2	1186 5703
1.0	437330	Homo sapiens mRNA; cDNA DKFZp761J	1112 (AL3539	144 Hs.50115	6.2	3253 7250
15	420576	KIAA1858 protein	AA297634	Hs.54925	6.2	1463 5914
	413795	ESTs	AL040178	Hs.142003	6.2	743 5358
	412104	Homo sapiens, Similar to RIKEN cDNA 22			6.2	569 5220
	410611	KIAA1628 protein	AW954134	Hs.20924	6.1	480 5148
	449595	ESTs	AW293799	Hs.255238	6.1	4098 7979
20	418140	microfibrillar-associated protein 2	BE613836	Hs.83551	6.1	1196 5713
	421579	stem cell growth factor; lymphocyte sec	NM_002975		6.1	1567 1568 5987
	414142	hemicentin (fibulin 6)	AW368397	Hs.334485	6.1	781 5390
	451598	ESTs	N29102	Hs.79658	6.1	4241 8093
~ ~	434326	reticulon 2	NM_005619	Hs.3 803	6.0	3043 3044 7073
25	453859	myogenic factor 6 (herculin)	NM_002469	Hs.3 5937	6.0	4451 4452 8267
	417944	collagen, type V, alpha 2	AU077196	Hs.82985	6.0	1172 5693
	417389					
		midkine (neurite growth-promoting facto	BE260964	Hs.82045	6.0	1109 5647
	452063	ESTs, Weakly similar to TWST_HUMAN 1	IWIS R53185	Hs.32366	6.0	4281 8124
	449717	cerebral cell adhesion molecule	AB040935	Hs.23954	6.0	4110 4111 7989
30	412755	ESTs, Weakly similar to P4HA_HUMAN F				637 5274
	421823	ESTs	N40850	Hs.28625	6.0	1600 6011
	426935	collagen, type I, alpha 1	NM_000088		6.0	2288 2289 6498
	424734	ESTs	AI217685	Hs.96844	6.0	1992 6293
	408349	homeo box C10	BE546947	Hs.44276	6.0	213 4949
35	452360	ESTs	AI742082	Hs.98539	6.0	4321 8158
55						
	449238	muscle-specific RING-finger protein 3	AA428229	Hs.331561	5.9	4075 7957
	431457	integrin, alpha 11	NM_012211		5.9	2787 2788 6870
	420067	Homo sapiens mRNA; cDNA DKFZp5640	)222 (f T5243 <sup>-</sup>	1 Hs.94795	5.9	1414 5876
	412472	ESTs	AW975398	Hs.293836	5.9	593 5240
40	408486	sodium channel, voltage-gated, type IV,	L04236	Hs.46038	5.9	228 229 4960
40						
	421155	tysyl oxidase	H87879	Hs.102267	5.9	1512 5950
	429823	ESTs	AA459443	Hs.181400	5.9	2613 6744
	439751	Homo sapiens mRNA full length insert cD	AA196090	Hs.50794	5.9	3428 7411
	415655	ESTs	W05433	Hs.352293	5.9	932 5506
45		-				
<del>-</del> -2	452223	hypothetical protein MGC2827	AA425467	Hs.8035	5.8	4302 8142
	430223	nephroblastoma overexpressed gene	NM_002514	Hs.2 35935	5.8	2661 2662 6779
	415656	ESTs	W84346	Hs.84673	5.8	933 5507
	417045	Homo sapiens ORF1	F01180	Hs.332030	5.8	1066 5610
	422667	ESTs	H25642		5.8	1723 6102
50				Hs.132821		
50	415702	gb:HSPD18414 HM3 Homo sapiens cDN/			5.8	942 5515
	435101	ESTs	Al743156	Hs.131064	5.8	3106 7124
	410108	OSBP-related protein 6	AA081659	Hs.318775	5.8	423 5108
	429359	matrix metalloproteinase 14 (membrane-i		Hs.2399	5.8	2551 6702
				113.2000		
55	403081	NM_003319*:Homo sapiens titin (TTN), m			5.7	4704
55	442117	ESTs; hypothetical protein for IMAGE:44	AW664964	Hs.128899	5.7	3551 7523
	417027	triadin	AA192306	Hs.23926	5.7	1062 5607
	442295	Homo sapiens cDNA FLJ11469 fis, clone	H A1827248	Hs.224398	5.7	3555 7527
	445417	a disintegrin-like and metalloprotease	AK001058	Hs.12680	5.7	3766 7705
	410295	nidogen (enactin)	AA741357	Hs.356624	5.7	450 5127
60						
60	448595	KIAA0644 gene product	AB014544	Hs.21572	5.7	4015 4016 7910
	450506	fibroblast activation protein, alpha	NM_004460	Hs.4 18	5.7	4170 4171 8037
	414482	endothelin receptor type A	S57498	Hs.76252	5.7	824 825 5426
	411021	titin	F00055	Hs.172004	5.7	508 5169
	453514	ESTs	AA036675	Hs.50918	5.7	4424 8245
65						
05	452023	KIAA1173 protein	AB032999	Hs.27566	5.7	4271 4272 8118
	409944	four and a half LIM domains 3	BE297925	Hs.57687	5.6	399 5090
	439979	hypothetical protein FLJ10430	AW600291	Hs.6823	5.6	3442 7424
	414359	cadherin 11, type 2, OB-cadherin (osteo	M62194		5.6	808 5413
						000 0110
70				Hs.75929	56	3264 7260
7/11	437446	ESTs, Moderately similar to CA1C RAT C	O AA788946	Hs.101302	5.6	3264 7259
70	437446 407080	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m	O AA788946 Z38133	Hs.101302 Hs.113973	5.6	105 106 4858
70	437446 407080 429415	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer	O AA788946 Z38133 NM_002593	Hs.101302 Hs.113973		
70	437446 407080	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m	O AA788946 Z38133	Hs.101302 Hs.113973	5.6	105 106 4858
70	437446 407080 429415 411396	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs	O AA788946 Z38133 NM_002593 C04646	Hs.101302 Hs.113973 Hs.2 02097	5.6 5.5 5.5	105 106 4858 2557 2558 6706 533 5191
70	437446 407080 429415 411396 401566	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c	O AA788946 Z38133 NM_002593 C04646 a	Hs.101302 Hs.113973 Hs.2 02097 Hs.85428	5.6 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654
	437446 407080 429415 411396 401566 453983	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c ESTs	O AA788946 Z38133 NM_002593 C04646 a H94997	Hs.101302 Hs.113973 Hs.2 02097 Hs.85428 Hs.16450	5.6 5.5 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654 4476 8286
75	437446 407080 429415 411396 401566 453983 420190	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c ESTs hypothetical protein EST00098	O AA788946 Z38133 NM_002593 C04646 a H94997 AI816209	Hs.101302 Hs.113973 Hs.2 02097 Hs.85428 Hs.16450 Hs.95867	5.6 5.5 5.5 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654 4476 8286 1428 5888
	437446 407080 429415 411396 401566 453983 420190 447253	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c ESTs hypothetical protein EST00098 ESTs	O AA788946 Z38133 NM_002593 C04646 a H94997 AI816209 AW250196	Hs.101302 Hs.113973 Hs.2 02097 Hs.85428 Hs.16450	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654 4476 8286 1428 5888 3907 7822
	437446 407080 429415 411396 401566 453983 420190	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c ESTs hypothetical protein EST00098	O AA788946 Z38133 NM_002593 C04646 a H94997 AI816209	Hs.101302 Hs.113973 Hs.2 02097 Hs.85428 Hs.16450 Hs.95867	5.6 5.5 5.5 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654 4476 8286 1428 5888
	437446 407080 429415 411396 401566 453983 420190 447253 457458	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c ESTs hypothetical protein EST00098 ESTs ESTs	O AA788946 Z38133 NM_002593 C04646 a H94997 AI816209 AW250196 R14439	Hs.101302 Hs.113973 Hs.2 02097 Hs.85428 Hs.16450 Hs.95867 Hs.103512	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654 4476 8286 1428 5888 3907 7822 4553 8352
	437446 407080 429415 411396 401566 453983 420190 447253 457458 406519	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c ESTs hypothetical protein EST00098 ESTs ESTS C10001858:gij6679124 ref NP_032759.1	O AA788946 Z38133 NM_002593 C04646 a H94997 AI816209 AW250196 R14439	Hs.101302 Hs.113973 Hs.2 02097 Hs.85428 Hs.16450 Hs.95867 Hs.103512 Hs.209194	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654 4476 8286 1428 5888 3907 7822 4553 8352 4808
75	437446 407080 429415 411396 401566 453983 420190 447253 457458 406519 443184	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c ESTs hypothetical protein EST00098 ESTs ESTS C10001858:gi[6679124 ref]NP_032759.1  ESTs	O AA788946 Z38133 NM_002593 C04646 a H94997 AI816209 AW250196 R14439 n AI638728	Hs.101302 Hs.113973 Hs.2 02097 Hs.85428 Hs.16450 Hs.95867 Hs.103512 Hs.209194 Hs.135159	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654 4476 8286 1428 5888 3907 7822 4553 8352 4808 3607 7574
	437446 407080 429415 411396 401566 453983 420190 447253 457458 406519 443184 425863	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c ESTs hypothetical protein EST00098 ESTs ESTs C10001858:gi[6679124[ref]NP_032759.1] ESTs Human unidentified mRNA, partial sequent	O AA788946 Z38133 NM_002593 C04646 a H94997 AI816209 AW250196 R14439 n AI638728	Hs.101302 Hs.113973 Hs.2 02097 Hs.85428 Hs.16450 Hs.95867 Hs.103512 Hs.209194 Hs.135159 Hs.159901	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654 4476 8286 1428 5888 3907 7822 4553 8352 4808 3607 7574 2152 6404
75	437446 407080 429415 411396 401566 453983 420190 447253 457458 406519 443184	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c ESTs hypothetical protein EST00098 ESTs ESTS C10001858:gi[6679124 ref]NP_032759.1  ESTs	O AA788946 Z38133 NM_002593 C04646 a H94997 AI816209 AW250196 R14439 n AI638728	Hs.101302 Hs.113973 Hs.2 02097 Hs.85428 Hs.16450 Hs.95867 Hs.103512 Hs.209194 Hs.135159	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654 4476 8286 1428 5888 3907 7822 4553 8352 4808 3607 7574
75	437446 407080 429415 411396 401566 453983 420190 447253 457458 406519 443184 425863	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c ESTs hypothetical protein EST00098 ESTs ESTs C10001858:gi[6679124[ref]NP_032759.1] ESTs Human unidentified mRNA, partial sequent	O AA788946 Z38133 NM_002593 C04646 a H94997 AI816209 AW250196 R14439 n AI638728	Hs.101302 Hs.113973 Hs.2 02097 Hs.85428 Hs.16450 Hs.95867 Hs.103512 Hs.209194 Hs.135159 Hs.159901 Hs.159901	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654 4476 8286 1428 5888 3907 7822 4553 8352 4808 3607 7574 2152 6404
75	437446 407080 429415 411396 401566 453983 420190 447253 457458 406519 443184 425863 446904 448520	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c ESTs hypothetical protein EST00098 ESTs ESTs C10001858:gi 6679124 ref NP_032759.1  ESTs Human unidentified mRNA, partial sequen DKFZP434H204 protein doublecortin and CaM kinase-like 1	O AA788946 Z38133 NM_002593 C04646 a H94997 AI816209 AW250196 R14439 n AI638728 U43604 AL110226 AB002367	Hs.101302 Hs.113973 Hs.2 02097 Hs.85428 Hs.16450 Hs.95867 Hs.209194 Hs.135159 Hs.159901 Hs.159901 Hs.16441 Hs.21355	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654 4476 8286 1428 5888 3907 7822 4553 8352 4808 3607 7574 2152 6404 3875 3876 7795 4010 4011 7907
75	437446 407080 429415 411396 401566 453983 420190 447253 457458 406519 443184 425863 446904 448520 449700	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c ESTs hypothetical protein EST00098 ESTs ESTs C10001858:gij6679124[ref]NP_032759.1] ESTs Human unidentified mRNA, partial sequen DKFZP434H204 protein doublecortin and CaM kinase-like 1 paraneoplastic antigen	O AA788946 Z38133 NM_002593 C04646 a H94997 AI816209 AW250196 R14439 n AI638728 U43604 AL110226 AB002367 L02867	Hs.101302 Hs.113973 Hs.202097 Hs.85428 Hs.16450 Hs.95867 Hs.103512 Hs.209194 Hs.135159 Hs.159901 Hs.16441 Hs.21355 Hs.78358	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654 4476 8286 1428 5888 3907 7822 4808 3607 7574 2152 6404 3875 3876 7795 4010 4011 7907 4108 4109 7988
75 80	437446 407080 429415 411396 401566 453983 420190 447253 457458 406519 443184 425863 446904 448520 449700 452613	ESTs, Moderately similar to CA1C RAT C myosin, heavy potypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c ESTs hypothetical protein EST00098 ESTs C10001859:gi[6679124[ref]NP_032759.1] ESTS Human unidentified mRNA, partial sequen DKFZP434H204 protein doublecortin and CaM kinase-like 1 paraneoplastic antigen ESTs	O AA788946 Z38133 NM_002593 C04646 a H94997 AI816209 AW250196 R14439 n AI638728 U43604 AL110226 AB002367 AA461599	Hs.101302 Hs.113973 Hs.2 02097 Hs.85428 Hs.16450 Hs.95867 Hs.103512 Hs.209194 Hs.135159 Hs.159901 Hs.16441 Hs.21355 Hs.78338 Hs.23459	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654 4476 8286 1428 5888 3907 7822 4553 8352 4808 3607 7574 2152 6404 3875 3876 7795 4010 4011 7907 4108 4109 7988 4337 8171
75	437446 407080 429415 411396 401566 453983 420190 447253 457458 406519 443184 425863 446904 448520 449700 452613 451917	ESTs, Moderately similar to CA1C RAT C myosin, heavy polypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c ESTs hypothetical protein EST00098 ESTs ESTs C10001858:gij6679124[ref]NP_032759.1] ESTs Human unidentified mRNA, partial sequen DKFZP434H204 protein doublecorfin and CaM kinase-tike 1 paraneoplastic antigen ESTs Homo sapiens unknown mRNA	O AA788946 Z38133 NM_002593 C04646 a H94997 AI816209 AW250196 R14439 n AI638728 U43604 AL110226 AB002367 L02867 AA461599 AW391351	Hs.101302 Hs.113973 Hs.202097 Hs.85428 Hs.16450 Hs.95867 Hs.103512 Hs.209194 Hs.135159 Hs.159901 Hs.16441 Hs.21355 Hs.78358	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654 4476 8286 1428 5888 3907 7822 4553 8352 4808 3607 7574 2152 6404 3875 3876 7795 4010 4011 7907 4108 4109 7988 4337 8171 4261 8108
75 80	437446 407080 429415 411396 401566 453983 420190 447253 457458 406519 443184 425863 446904 448520 449700 452613	ESTs, Moderately similar to CA1C RAT C myosin, heavy potypeptide 8, skeletal m procollagen C-endopeptidase enhancer ESTs NM_005159:Homo sapiens actin, alpha, c ESTs hypothetical protein EST00098 ESTs C10001859:gi[6679124[ref]NP_032759.1] ESTS Human unidentified mRNA, partial sequen DKFZP434H204 protein doublecortin and CaM kinase-like 1 paraneoplastic antigen ESTs	O AA788946 Z38133 NM_002593 C04646 a H94997 AI816209 AW250196 R14439 n AI638728 U43604 AL110226 AB002367 AA461599	Hs.101302 Hs.113973 Hs.2 02097 Hs.85428 Hs.16450 Hs.95867 Hs.103512 Hs.209194 Hs.135159 Hs.159901 Hs.16441 Hs.21355 Hs.78338 Hs.23459	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	105 106 4858 2557 2558 6706 533 5191 4654 4476 8286 1428 5888 3907 7822 4553 8352 4808 3607 7574 2152 6404 3875 3876 7795 4010 4011 7907 4108 4109 7988 4337 8171

	446440	507-	41754600	11: 445000	<b>5</b> 4	2000 7740
	446142	ESTs	AI754693	Hs.145968	5.4	3820 7748
	422087	matrix metalloproteinase 2 (gelatinase	X58968	Hs.111301	5.4	1641 6040
	414002	FBJ murine osteosarcoma viral oncogene			5.4	763 764 5375
5	430713	eukaryotic translation elongation facto	AA351647	Hs.2642	5.4	2726 6824
5	421251	enigma (LIM domain protein)	Z28913	Hs.102948	5.4	1521 5957
	406705	myosin, heavy polypeptide 8, skeletal m	Z38133	Hs.113973	5.4	105 106 4827
	411000	ESTs, Weakly similar to S38383 SEB4B p	or N40449	Hs.201619	5.4	505 5167
	404977	Insulin-like growth factor 2 (somatomed			5.3	4766
10	427863	MLL septin-like fusion	AF189712	Hs.181002	5.3	2378 2379 6567
10	413031	phosphofructokinase, muscle	BE515051	Hs.75160	5.3	671 5304
	416982	creatine kinase, mitochondrial 2 (sarco	J05401	Hs.80691	5.3	1055 1056 5602
	453817	ESTs .	AW755253	Hs.379636	5.3	4442 8260
	424330	Homo sapiens cDNA FLJ13596 fis, clone	P AW073953	Hs.34054	5.3	1936 6253
	407826	calpain 3, (p94)	AA128423	Hs.40300	5.3	167 4911
15	414285	ESTs	AA312914	Hs.71719	5.3	798 5405
	426485	platelet-derived growth factor receptor	NM_006207	Hs.1 70040	5.3	2238 2239 6465
	445875	Homo sapiens clone 24453 mRNA seque	nce AF07052	4 Hs.13410	5.3	3801 7731
	448106	ESTs	AI800470	Hs.171941	5.2	3977 7879
• •	425292	37 kDa leucine-rich repeat (LRR) protei	NM_005824	Hs.1 55545	5.2	2083 2084 6359
20	414175	hypothetical protein DKFZp761D112	AI308876	Hs.103849	5.2	786 5394
	417405	ESTs	W28657	Hs.5307	5.2	1112 5649
	409172	ESTs	Z99399	Hs.122593	5.2	318 5031
	422627	transforming growth factor, beta-induce	BE336857	Hs.118787	5.2	1715 6097
	414555	phospholipase A2, group IIA (platelets,	N98569	Hs.76422	5.2	830 5431
25	426457	chimerin (chimaerin) 1	AW894667	Hs.380138	5.2	2229 6459
	400419	Target	AF084545		5.2	22 23 4626
	405681	C3000593*:gi]10120319[emb]CAC08185.	11.6		5.2	4793
	428981	ESTs, Weakly similar to ALU2_HUMAN A		7 Hs.93135	5.2	2497 6660
	453271	ESTs	AA903424	Hs.6786	5.2	4409 8232
30	439920	neurotrimin	H05430	Hs.288433	5.2	3439 7421
	440652	ESTs	AI216751	Hs.143977	5.1	3478 7456
	435793	KIAA1313 protein	AB037734	Hs.4993	5.1	3152 3153 7162
	416084	deoxythymidylate kinase (thymidylate ki	L16991	Hs.79006	5.1	972 973 5540
	437395	hypothetical protein DKFZp762M136	AL365408	Hs.351747	5.1	3258 3259 7254
35	412564	cardiac ankyrin repeat protein	X83703	Hs.355934	5.1	606 607 5251
	415705	coilin	U06632	Hs.966	5.1	943 944 5516
	414683	hypothetical protein MGC12702	S78296	Hs.76888	5.1	846 847 5444
	411573	KIAA1077 protein	AB029000	Hs.70823	5.1	542 543 5199
	447321	Homo sapiens cDNA FLJ14028 fis, clone			5.1	3915 7827
40	452683	progesterone membrane binding protein	AI089575	Hs.374574	5.1	4341 8175
••	427876	ESTs	AI494291	Hs.369171	5.1	2381 6569
	437681	Homo sapiens, Similar to TEA domain fan		Hs.166556	5.1	3280 7273
	417308	KIAA0101 gene product	H60720	Hs.81892	5.1	1094 5634
	419235	neurotrimin	AW470411	Hs.288433	5.1	1320 5804
45	443164				5.1	3606 7573
73	427647	ESTs, Weakly similar to ALU1_HUMAN A				
	409826	Homo sapiens cDNA FLJ20653 fis, clone		Hs.180059	5.0	2354 6548
		hypothetical protein FLJ23412	AW501112	Hs.353013	5.0	388 5082
	418532	neurotrophic tyrosine kinase, receptor,	F00797	Hs.374321	5.0	1252 5753
50	443883	serine (or cysteine) proteinase inhibit	AA114212	Hs.9930	5.0	3653 7614
50	439627	hypothetical protein FLJ21841	BE621702	Hs.29076	5.0	3411 7394
	425256	collapsin response mediator protein 1	BE297611	Hs.155392	5.0	2074 6352
	428560	ESTs, Weakly similar to B47411 ADPribos		Hs.98669	5.0	2453 6627
	430147	hairy/enhancer-of-split related with YR	R60704	Hs.234434	5.0	2652 6773
55	427418	LAT1-3TM protein	AA402587	Hs.356667	5.0	2327 6527
<i>JJ</i>	426413 410036	gb:EST90805 Synovial sarcoma Homo sa	R57171		5.0	2219 6453
		calsequestrin 2 (cardiac muscle)	AA451910	Hs.57975	5.0	412 5100
	417068	hypothetical protein MGC3169		Hs.85852	5.0	1069 5613
	416729 433830	Ras-related associated with diabetes ESTs, Weakly similar to ALU1_HUMAN A	U46165	Hs.1027 Hs.146070	5.0	1026 1027 5581
60	433839				5.0	3008 7043
50	453874 425247	collagen, type XIV, alpha 1 (undulin) matrix metalloproteinase 11 (stromelysi	AW591783	Hs.36131	5.0 5.0	4456 8270
			NM_005940			2072 2073 6351
	413278 416208	interferon-stimulated protein, 15 kDa ESTs, Weakly similar to MUC2_HUMAN N	BE563085	Hs.833	4.9 4.0	695 5322 981 5548
	424893	Homo sapiens cDNA FLJ13303 fis, clone			4.9 4.9	2020 6313
65		ESTs, Weakly similar to S51797 vasodila				
03	457211 453341	adenylyl cyclase-associated protein 2		Hs.130093	4.9	4549 8344
			AI758912	Hs.296341	4.9	4414 8237
	433012	ATX1 (antioxidant protein 1, yeast) hom	NM_004045		4.9	2925 2926 6978
	429524	KIAA1211 protein	AB033037	Hs.205293	4.9	2577 2578 6720
70	422599 407824	non-metastatic cells 1, protein (NM23A) Homo sapiens cDNA FLJ14388 fis, clone	BE387202	Hs.118638	4.9	1710 6092
70		serum-inducible kinase (SNK)		Hs.9812	4.9	166 4910
	434398		AA121098	Hs.3838	4.9	3052 7079
	458247	ESTS	AW580932	Hs.164170	4.9	4572 8368
	417089	Homo sapiens cDNA: FLJ21909 fis, clone		Hs.18612	4.9	1077 5619
75	447436	Homo sapiens cDNA: FLJ21449 fis, clone		Hs.18593	4.9	3928 7837
15	454024	hypothetical protein FLJ23403	AA993527	Hs.293907	4.9	4481 8290
	433447	neuronal pentraxin II	U29195	Hs.3281	4.8	2980 2981 7021
	434747	ESTs	AA837085	Hs.372254	4.8	3073 7097
	429707	matrix metalloproteinase 238	W76631	Hs.211819	4.8	2606 6738
80	438964	ESTs	AA148982	Hs.29068	4.8	3371 7354
ou	435977	brain-specific membrane-anchored protei		Hs.5012	4.8	3166 7174
	435367	for muscle specific ring finger 2	Al917684	Hs.85524	4.8	3119 7135
	439687	ESTs	W94546	Hs.124747	4.8	3417 7400
	426919	ELAV (embryonic lethal, abnormal vision		Hs.166109	4.8	2284 6495
85	450676	ESTS	AI147155	Hs.279727	4.8	4180 8045
0.5	419081	ESTs	Al798863	Hs.87191	4.8	1299 5788
	429139	ESTs	F09092	Hs.66087	4.8	2517 6675

	446422	FOT-	A1050004	11- 04070	4.0	4004 SECC
	416433	ESTs	AI658904	Hs.84673	4.8	1004 5566
	419250	U5 snRNP-specific protein, 116 kD	AW770185	Hs.356066	4.8	1322 5806
	433122	ESTs	AB019391	Hs.58049	4.8	2941 6991
5	410687	lysyl oxidase-like 1	U24389	Hs.65436	4.8	485 486 5153
,	432304 413132	ESTs	AA932186	Hs.69297	4.8	2863 6927 683 684 5314
	417376	protein kinase (cAMP-dependent, catalyt LIM protein (similar to rat protein kin	NM_006823		4.8	
	438085		AA253314	Hs.154103	4.7	1107 5645
		ESTs	R52518	Hs.7967	4.7	3299 7292 2427 2428 6608
10	428309	cellular retinoic acid-binding protein	M97815	Hs.183650	4.7	
10	421778	actin related protein 2/3 complex, subu	AA428000	Hs.283072	4.7	1591 6003
	445363	tubulin-specific chaperone d	NM_005993		4.7	3762 3763 7702
	429930	ESTs	AI580809	Hs.352364	4.7	2623 6751
	421913	osteoglycin (osteoinductive factor, mim	AI934365	Hs.109439	4.7	1611 6020
15	419968	interleukin 6 (interferon, beta 2)	X04430	Hs.93913	4.7	1399 1400 5866
13	422110	secreted protein, acidic, cysteine-rich	Al376736	Hs.121555	4.7	1648 6045
	402331	C19001390:gi 399116 sp P13688 BGP1_		11- 407440	4.7	4679
	413482	ESTs	AA129869	Hs.197143	4.7	727 5344
	425397	topoisomerase (DNA) II alpha (170kD)	J04088	Hs.156346	4.7	2099 2100 6369
20	412926	macrophage myristoylated alanine-rich C		Hs.75061	4.7	655 5290
20	430643	MEGF10 protein	AW970065	Hs.287425	4.7	2717 6817
	445669	ESTs	AI570830	Hs.174870	4.7	3789 7721
	423648	hypothetical protein FLJ20449	AK000456	Hs.130546	4.7	1833 1834 6184
	414961	myosin-binding protein H	U27266	Hs.927	4.7	896 897 5479
25	408491	ESTs	AI088063	Hs.7882	4.7	230 4961
23	421016	transcription factor 3 (E2A immunoglobu	AA504583	Hs.101047	4.6	1497 5937
	411411	ESTs, Weakly similar to KIAA1330 protei		Hs.55950	4.6	537 5194
	451292	KIAA1295 protein	AB037716	Hs.26204	4.6	4221 4222 8079
	422737	collagen, type III, alpha 1 (Ehlers-Dan	M26939	Hs.119571	4.6	1730 1731 6108
30	410628	ESTs. Moderately similar to similar to	AI131408	Hs.68756	4.6	483 5151
30	412560	CCR4-NOT transcription complex, subuni		Hs.350495	4.6	602 5248
	441389	endocytic receptor (macrophage mannose		Hs.7835	4.6	3514 3515 7488
	440650	Human DNA sequence from PAC 75N13			4.6	3477 7455
	453935	ESTs	AI633770	Hs.42572	4.6	4470 8281
25	407228	hemoglobin, beta	M25079	Hs.155376	4.6	124 125 4876
35	441611	ESTs	AW590829	Hs.133463	4.6	3528 7500
	450358	coronin, actin-binding protein, 2B	AB010098	Hs.24907	4.6	4157 4158 8027
	456816	hypothetical protein FLJ10647	AK001509	Hs.144391	4.6	4531 4532 8334
	424687	matrix metalloproteinase 9 (gelatinase	J05070	Hs.151738	4.6	1986 1987 6289
40	422648	Melanoma associated gene	D86983	Hs.118893	4.6	1720 1721 6100
40	453041	Homo sapiens cDNA FLJ11918 fis, clone		Hs.289068	4.6	4384 8211
	421848	collagen, type VI, alpha 1	X15880	Hs.108885	4.6	1602 1603 6013
	451195	mesenchyme homeo box 1	U10492	Hs.438	4.6	4218 4219 8077
	429505	a disintegrin and metalloproteinase dom		Hs.278679	4.6	2576 6719
15	424162	ESTs, Weakly similar to ALU2_HUMAN A	LU AA336229	)	Hs.93135	4.5 1907 6235
45	424162 424800	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor	LU AA336229 AL035588	Hs.153203	Hs.93135 4.5	4.5 1907 6235 2002 2003 6300
45	424162 424800 427809	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase	LU AA336229 AL035588 M26380	Hs.153203 Hs.180878	Hs.93135 4.5 4.5	4.5 1907 6235 2002 2003 6300 2373 6562
45	424162 424800 427809 446681	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin	LU AA336229 AL035588 M26380 AJ003624	Hs.153203 Hs.180878 Hs.15896	Hs.93135 4.5 4.5 4.5	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789
45	424162 424800 427809 446681 443402	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis,	LU AA336229 AL035588 M26380 AJ003624 U77846	Hs.153203 Hs.180878 Hs.15896 Hs.9295	Hs.93135 4.5 4.5 4.5 4.5	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585
	424162 424800 427809 446681 443402 428862	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c	LU AA336229 AL035588 M26380 AJ003624 U77846 NM_000346	Hs.153203 Hs.180878 Hs.15896 Hs.9295 Hs.2 316	Hs.93135 4.5 4.5 4.5 4.5 4.5	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650
45 50	424162 424800 427809 446681 443402 428862 420486	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3	LU AA336229 AL035588 M26380 AJ003624 U77846 NM_000346 AF036365	Hs.153203 Hs.153203 Hs.180878 Hs.15896 Hs.9295 Hs.2 316 Hs.98303	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909
	424162 424800 427809 446681 443402 428862 420486 409553	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y	LU AA336229 AL035588 M26380 AJ003624 U77846 NM_000346 AF036365 AF055020	Hs.153203 Hs.180878 Hs.15896 Hs.9295 Hs.2 316 Hs.98303 Hs.54937	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909 359 360 5060
	424162 424800 427809 446681 443402 428862 420486 409553 424870	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs	LU AA336229 AL035588 M26380 AJ003624 U77846 NM_000346 AF036365 AF055020 T15545	Hs.153203 Hs.180878 Hs.15896 Hs.9295 Hs.2 316 Hs.98303 Hs.54937 Hs.244624	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909 359 360 5060 2014 6308
	424162 424800 427809 446681 443402 428862 420486 409553 424870 452036	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs sema domain, seven thrombospondin rep	LU AA336229 AL035588 M26380 AJ003624 U77846 NM_000346 AF036365 AF055020 T15545 ea NM_003966	Hs.153203 Hs.180878 Hs.15896 Hs.9295 Hs.2 316 Hs.98303 Hs.54937 Hs.244624 6 Hs.27621	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909 359 360 5060 2014 6308 4273 4274 8119
50	424162 424800 427809 446681 443402 428862 420486 409553 424870 452036 422562	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs sema domain, seven thrombospondin repr AE-binding protein 1	LU AA336229 AL035588 M26380 AJ003624 U77846 NM_000346 AF036365 AF055020 T15545 ea NM_003966 AI962060	Hs.153203 Hs.180878 Hs.15896 Hs.9295 Hs.2 316 Hs.98303 Hs.54937 Hs.244624 6 Hs.27621 Hs.118397	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909 359 360 5060 2014 6308 4273 4274 8119 1700 6085
	424162 424800 427809 446681 443402 428862 420486 409553 424870 452036 422562 422424	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs sema domain, seven thrombospondin reprostate differentiation factor	LU AA336225 AL035588 M26380 AJ003624 U77846 NM_000346 AF036365 AF055020 T15545 Paga NM_003966 AJ962060 AJ186431	Hs.153203 Hs.180878 Hs.15896 Hs.9295 Hs.2 316 Hs.98303 Hs.54937 Hs.244624 6 Hs.27621 Hs.118397 Hs.296638	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909 359 360 5060 2014 6308 4273 4274 8119 1700 6085 1681 6070
50	424162 424800 427809 446681 443402 428862 420486 409553 424870 452036 422562 422424 438704	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs sema domain, seven thrombospondin reprostate differentiation factor ESTs	LU AA336225 AL035588 M26380 AJ003624 U77846 NM_000346 AF035030 T15545 Pan NM_003960 AI962060 AI186431 AI435060	Hs.153203 Hs.180878 Hs.15896 Hs.9295 Hs.2 316 Hs.98303 Hs.54937 Hs.244624 Hs.118397 Hs.296638 Hs.6705	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909 359 360 5060 2014 6308 4273 4274 8119 1700 6085 1681 6070 3349 7334
50	424162 424800 427809 446681 443402 428862 420486 409553 424870 452036 422562 422424 438704 424634	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs sema domain, seven thrombospondin repracte differentiation factor ESTs cartilage intermediate layer protein, n	LU AA336225 AL035588 M26380 AJ003624 U77846 NM_000346 AF035020 T15545 Pa NM_003966 AI962060 AI186431 AI435060 NM_003613	Hs.153203 Hs.180878 Hs.15896 Hs.9295 Hs.2 316 Hs.98303 Hs.54937 Hs.244624 6 Hs.27621 Hs.118397 Hs.296638 Hs.6705 Hs.1 51407	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909 359 360 5060 2014 6308 4273 4274 8119 1700 6085 1681 6070 3349 7334 1981 1982 6285
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50 55	424162 424800 427809 446681 443402 428862 420486 409553 424870 452036 422562 422424 438704 424634 437117 457411 423013 441689 416391 41648 447205 451820	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs sema domain, seven thrombospondin reprostate differentiation factor ESTs carbiage intermediate layer protein, n ESTs iroquois-class homeobox protein IRX2 secreted modular calcium-binding protei ESTs mesoderm specific transcript (mouse) hothyroid hormone responsive SPOT14 (rat) ESTs, Moderately similar to T17372 plas ESTs	LU AA336225 AL035588 M26380 AJ003624 U77846 NM_000346 AF036365 AF055020 T15545 ea NM_003966 AI962060 AI186431 AI435060 NM_003613 AL049256 AW972881 AW875443 AI123705 AI878927 T73661 BE617015 AW058357	Hs. 153203 Hs. 18078 Hs. 180878 Hs. 15896 Hs. 9295 Hs. 9295 Hs. 92303 Hs. 54937 Hs. 244624 Hs. 27621 Hs. 118397 Hs. 296638 Hs. 6705 Hs. 122593 Hs. 122593 Hs. 276507 Hs. 22209 Hs. 289068 Hs. 79284 Hs. 91877 Hs. 11006 Hs. 199248	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909 359 360 5060 2014 6308 4273 4274 8119 1700 6085 1681 6070 3349 7334 1981 1982 6285 3235 7234 4552 8349 1769 6135 3533 7505 999 5562 1366 5839 3900 7816 4260 8107
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50 55 60	424162 424800 427809 446681 443602 428862 420486 409553 424870 452036 422562 422424 438704 424634 437117 423013 441689 416391 419648 447205 451820 439755 418994	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs sema domain, seven thrombospondin reprostate differentiation factor ESTs cartilage intermediate layer protein, n ESTs iroquois-class homeobox protein IRX2 secreted modular calcium-binding protei ESTs mesoderm specific transcript (mouse) hothyroid hormone responsive SPOT14 (rat) ESTs, Moderately similar to T17372 plas ESTs B7 homolog 3 selectin E (endothelial adhesion molecu	LU AA336225 AL035588 M26380 AJ003624 U77846 NM_000346 AF036365 AF055020 T15545 as NM_003961 Al962060 Al186431 Al435060 NM_003613 AL049256 AW972881 AW972881 AW875443 Al123705 Al878927 T73661 BE617015 AW058357 AW748482 AA296520	Hs. 153203 Hs. 153203 Hs. 180878 Hs. 15896 Hs. 9295 Hs. 2 316 Hs. 98303 Hs. 54937 Hs. 244624 6 Hs. 27621 Hs. 118397 Hs. 296638 Hs. 6705 Hs. 1 51407 Hs. 12293 Hs. 276507 Hs. 22209 Hs. 289068 Hs. 79284 Hs. 91877 Hs. 11006 Hs. 199248 Hs. 199248 Hs. 77873 Hs. 89546	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909 359 360 5060 2014 6308 4273 4274 8119 1700 6085 1681 6070 3349 7334 1981 1982 6285 3235 7234 4552 8349 1769 6135 3533 7505 999 5562 1366 5839 3900 7816 4260 8107 3430 7413 1290 5781
50 55 60	424162 424800 427809 446681 443402 428862 420486 409553 424870 452036 422424 438704 424634 437117 457411 423013 441689 416391 419648 447205 451820 439755 418994 432503	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs sema domain, seven thrombospondin reprostate differentiation factor ESTs cartilage intermediate layer protein, n ESTs irroquois-class homeobox protein IRX2 secreted modular calcium-binding protei ESTs mesoderm specific transcript (mouse) hothyroid hormone responsive SPOT14 (rat) ESTs, Moderately similar to T17372 plas ESTs B7 homolog 3 selectin E (endothelial adhesion molecu ESTs	LU AA336225 AL035588 M26380 A26380 A203624 U77846 NM_000346 AF035020 T15545 Pax NM_003966 AI962060 AI186431 AI435060 NM_003613 AL049256 AW972881 AW875443 AI123705 AI875443 AI123705 AI87641 BE617015 AW058357 AW748482 AA2965520 AA5551196	Hs. 153203 Hs. 153203 Hs. 180878 Hs. 15896 Hs. 9295 Hs. 2 316 Hs. 98303 Hs. 54937 Hs. 244624 6 Hs. 27621 Hs. 118397 Hs. 296638 Hs. 6705 Hs. 1 51407 Hs. 122593 Hs. 276507 Hs. 122593 Hs. 276507 Hs. 22209 Hs. 289068 Hs. 91877 Hs. 11006 Hs. 199248 Hs. 77873 Hs. 77873	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909 359 360 5060 2014 6308 4273 4274 8119 1700 6085 1681 6070 3349 7334 1981 1982 6285 3235 7234 4552 8349 1769 6135 3533 7505 999 5562 1366 5839 3900 7816 4260 8107, 3430 7413 1290 5781 2878 6940
<ul><li>50</li><li>55</li><li>60</li><li>65</li></ul>	424162 424800 446681 443402 428862 420486 409553 424870 452036 422562 422424 438704 424634 437117 457411 423013 441689 416391 419648 447205 451820 439755 418994 432503 421814	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs sema domain, seven thrombospondin reprostate differentiation factor ESTs cardiage intermediate layer protein, n ESTs iroquois-class homeobox protein IRX2 secreted modular calcium-binding protei ESTs mesoderm specific transcript (mouse) hothyroid hormone responsive SPOT14 (rat) ESTs, Moderately similar to T17372 plas ESTs B7 homolog 3 selectin E (endothelial adhesion molecu ESTs thrombospondin 2	LU AA336225 AL035588 M26380 AJ003624 U77846 NM_000346 AF036365 AF055020 T15545 22 NM_003966 AI962060 AI186431 AI435060 NM_003613 AL049256 AW972881 AW875443 AI123705 AI878927 T73661 BE617015 AW058357 AW058357 AW748482 AA296520 AA551196 L12350	Hs. 153203 Hs. 153203 Hs. 180878 Hs. 15896 Hs. 9295 Hs. 9295 Hs. 92303 Hs. 54937 Hs. 244624 Hs. 118397 Hs. 296638 Hs. 6705 Hs. 1 12593 Hs. 176507 Hs. 22209 Hs. 22209 Hs. 19877 Hs. 11006 Hs. 199248 Hs. 17873 Hs. 199248 Hs. 17873 Hs. 199248 Hs. 17873 Hs. 189546 Hs. 189524 Hs. 188552 Hs. 108623	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909 359 360 5060 2014 6308 4273 4274 8119 1700 6085 1681 6070 3349 7334 1981 1982 6285 3235 7234 4552 8349 1769 6135 3533 7505 999 5562 1366 5839 3900 7816 4260 8107 3430 7413 1290 5781 2878 6940 1596 1597 6008
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<ul><li>50</li><li>55</li><li>60</li><li>65</li><li>70</li></ul>	424162 424800 427809 446681 443402 428862 420486 409553 424870 452036 422562 422424 438704 424634 437117 457411 423013 441689 416391 419648 447205 451820 439755 418994 432503 421814 424066 412563 446619 409182 453079 417259 417259 417259 417259 417259 417259 417333 408443	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs sema domain, seven thrombospondin reprostate differentiation factor ESTs cartilage intermediate layer protein, n ESTs iroquois-class homeobox protein IRX2 secreted modular calcium-binding protein ESTs mesoderm specific transcript (mouse) how thyroid hormone responsive SPOT14 (rat) ESTs, Moderately similar to T17372 plas ESTs B7 homolog 3 selectin E (endothelial adhesion molecu ESTs thrombospondin 2 ESTs, Weakly similar to 138022 hypothet secreted phosphoprotein 1 (osteopontin, ESTs LIM protein (similar to rat protein kin chondroitin sulfate proteoglycan 2 (ver DKFZP564C103 protein fibroblast growth factor 1 (acidic) ESTs	LU AA336225 AL035588 M26380 AJ003624 U77846 NM_000346 AF036365 AF055020 T15545 ae NM_003961 AJ962060 AJ186431 AJ435060 NM_003613 AL049256 AW972881 AW875443 AJ123705 AJ878927 T73661 BE617015 AW058357 AW749852 AU57661 BE617015 AW058357 AW749643 AA064970 AW160480 AW903838 BE294493 M74028 N33937 AK001379	Hs. 153203 Hs. 153203 Hs. 180878 Hs. 15896 Hs. 9295 Hs. 2 316 Hs. 93303 Hs. 54937 Hs. 244624 Hs. 118397 Hs. 27621 Hs. 118397 Hs. 296638 Hs. 6705 Hs. 175209 Hs. 175209 Hs. 175209 Hs. 175209 Hs. 175209 Hs. 176507 Hs. 199248 Hs. 17873 Hs. 189546 Hs. 189548 Hs. 189548	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909 359 360 5060 2014 6308 4273 4274 8119 1700 6085 1681 6070 3349 7334 1981 1982 6285 3235 7234 4552 8349 1769 6135 3533 7505 999 5562 1366 5839 3900 7816 4260 8107 3430 7413 1290 5781 22878 6940 1596 1597 6008 1891 6223 605 5250 3861 7782 320 5033 4387 8214 1092 5632 1924 6245 703 5327
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50 55 60 65 70	424162 424800 427809 446681 443402 428862 420486 409553 424870 452036 422562 422424 438704 424634 437117 457411 423013 441689 416391 419648 447205 439755 418994 432503 424066 412563 446619 409182 453079 417259 424262 413333 408443 422809 420895	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs semaphorin Y ESTs sema domain, seven thrombospondin reprostate differentiation factor ESTs cartilage intermediate layer protein, n ESTs iroquois-class homeobox protein IRX2 secreted modular calcium-binding protei ESTs mesoderm specific transcript (mouse) hothyroid hormone responsive SPOT14 (rat) ESTs, Moderately similar to T17372 plas ESTs B7 homolog 3 selectin E (endothelial adhesion molecu ESTs, Weakly similar to 138022 hypothet ESTs LIM protein (similar to rat protein kin chondroitin sutfate proteoglycan 2 (ver DKFZP564C103 protein fibroblast growth factor 1 (acidic) ESTs hypothetical protein FLJ10549 gb:yw23b03.r1 Morton Fetal Cochlea Homeson 1 care and the proteoglycan 2 (see protein FLJ10549 gb:yw23b03.r1 Morton Fetal Cochlea Homeson 1 care and the protein factor 1 (acidic) ESTs	LU AA336225 AL035588 M26380 AJ003624 U77846 NM_000346 AF036365 AF055020 T15545 28 NM_003966 AJ962060 AJ186431 AJ435060 NM_003613 AL049256 AW972881 AW875443 AJ123705 AJ878927 T73661 BE617015 AW058357 AW748482 AA296520 AA551196 L12350 Z99348 Z25372 AU076643 AA064970 AW160480 AW903838 BE294493 M74028 N33937 AK001379 O H88685	Hs. 153203 Hs. 18078 Hs. 180878 Hs. 15896 Hs. 9295 Hs. 9295 Hs. 92303 Hs. 54937 Hs. 244624 Hs. 27621 Hs. 118397 Hs. 296638 Hs. 6705 Hs. 122593 Hs. 176507 Hs. 122593 Hs. 176507 Hs. 122593 Hs. 176507 Hs. 122593 Hs. 176507 Hs. 122593 Hs. 176507 Hs. 19248 Hs. 19248 Hs. 19248 Hs. 189546 Hs. 189546 Hs. 189546 Hs. 189546 Hs. 189546 Hs. 188952 Hs. 108623 Hs. 154103 Hs. 376137 Hs. 154103 Hs. 154103 Hs. 154103 Hs. 144058 Hs. 15297 Hs. 10336 Hs. 121028	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909 359 360 5060 2014 6308 4273 4274 8119 1700 6085 1681 6070 3349 7334 1981 1982 6285 3235 7234 4552 8349 1769 6135 3533 7505 999 5562 1366 5839 3900 7816 4260 8107 3430 7413 1290 5781 2878 6940 1596 1597 6008 1891 6223 605 5250 3861 7782 320 5033 4387 8214 1092 5632 1924 6245 703 5327 222 4956 1741 1742 6115 1489 5932
50 55 60 65 70	424162 424800 427809 446681 443402 428862 429486 409553 424870 452036 422562 422424 438704 424634 437117 457411 423013 441689 416391 419648 447205 451820 439755 418994 432503 424666 412563 446619 409182 453079 417259 41	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs sema domain, seven thrombospondin reprostate differentiation factor ESTs cartilage intermediate layer protein, n ESTs iroquois-class homeobox protein IRX2 secreted modular calcium-binding protei ESTs mesoderm specific transcript (mouse) how thyroid hormone responsive SPOT14 (rat) ESTs, Moderately similar to T17372 plas ESTs B7 homolog 3 selectin E (endothelial adhesion molecu ESTs, Weakly similar to 138022 hypothet secreted phosphoprotein 1 (osteopontin, ESTs, Weakly similar to 138022 hypothet secreted phosphoprotein 1 (osteopontin, ESTs LIM protein (similar to rat protein kin chondroitin sulfate proteoglycan 2 (ver DKFZP564C103 protein fibroblast growth factor 1 (acidic) ESTs hypothetical protein FLJ10549 gb:yw23b03.r1 Morton Fetal Cochlea Hom paired-like homeodomain transcription f clone HQ0310 PRO0310p1.	LU AA336225 AL035588 M26380 AJ003624 U77846 NM_000346 AF036365 AF055020 T15545 aR NM_003966 AI962060 AI186431 AI435060 NM_003613 AL049256 AW972881 AW875443 AI123705 AI878927 T73661 BE617015 AW058357 AW748482 AA296520 AA551196 L12350 Z99348 Z25372 AU076643 AA064970 AW160480 AW903838 BE294493 M74028 N33937 AK001379 o H86685 H13139	Hs. 153203 Hs. 153203 Hs. 180878 Hs. 180878 Hs. 15896 Hs. 9295 Hs. 2 316 Hs. 93303 Hs. 54937 Hs. 244624 Hs. 18397 Hs. 27621 Hs. 118397 Hs. 296638 Hs. 6705 Hs. 12593 Hs. 151407 Hs. 122593 Hs. 176507 Hs. 122209 Hs. 19248 Hs. 191877 Hs. 11006 Hs. 189546 Hs. 189546 Hs. 189546 Hs. 189546 Hs. 189546 Hs. 189546 Hs. 18313 Hs. 376137 Hs. 154103 Hs. 144058 Hs. 75297 Hs. 10336 Hs. 121028	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 14456 1457 5909 359 360 5060 2014 6308 4273 4274 8119 1700 6085 1681 6070 3349 7334 1982 6285 3235 7234 4552 8349 1769 6135 3533 7505 999 5562 1366 5839 3900 7816 4260 8107 3430 7413 1290 5781 2878 6940 1596 1597 6008 1891 6223 605 5250 3861 7782 320 5033 4387 8214 1092 5632 1741 1742 6115 1489 5932 1368 5841
50 55 60 65 70 75	424162 424800 427809 446681 443402 428862 420486 409553 424870 452036 422562 422424 438704 424634 437117 457411 423013 441689 416391 419648 447205 439755 418994 432503 421814 424066 412563 446619 409182 453079 417259 424262 413333 408443 422809 420895 419682 433001 447357 414467	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs semaphorin Y ESTs semaphorin 1 prostate differentiation factor ESTs cartilage intermediate layer protein, n ESTs iroquois-class homeobox protein IRX2 secreted modular calcium-binding protei ESTs mesoderm specific transcript (mouse) hothyroid hormone responsive SPOT14 (rat) ESTs, Moderately similar to T17372 plas ESTs B7 homolog 3 selectin E (endothelial adhesion molecu ESTs thrombospondin 2 ESTs, Weakly similar to 138022 hypothet ESTs LIM protein (similar to rat protein kin chondroitin sulfate proteoglycan 2 (ver DKFZP564C103 protein fibroblast growth factor 1 (acidic) ESTs hypothetical protein FLJ10549 gb;yw23b03;r1 Morton Fetal Cochlea Horpaired-like homeodomain transcription f clone HO0310 PRO0310p). ESTs copine II	LU AA336225 AL035588 M26380 AJ003624 U77846 NM_000346 AF036365 AF055020 T15545 as NM_003966 AJ962060 AJ186431 AJ435060 NM_003613 AL049256 AW972881 AW875443 AJ123705 AJ73661 BE617015 AW058357 AW749827 T75661 BE617015 AW058357 AW749643 AA064970 AW160480 AW903838 BE294493 M74028 M33937 AK001379 o H88685 H13139 AF217513 AJ375922	Hs. 153203 Hs. 153203 Hs. 18078 Hs. 180878 Hs. 15896 Hs. 2995 Hs. 2 316 Hs. 98303 Hs. 54937 Hs. 244624 6 Hs. 118397 Hs. 296638 Hs. 6705 Hs. 122693 Hs. 276507 Hs. 122593 Hs. 276507 Hs. 122593 Hs. 276507 Hs. 12269 Hs. 191877 Hs. 191877 Hs. 191877 Hs. 191877 Hs. 191873 Hs. 192882 Hs. 279905	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6550 1456 1457 5909 359 360 5060 2014 6308 4273 4274 8119 1700 6085 1681 6070 3349 7334 1981 1982 6285 3235 7234 4552 8349 1769 6135 533 7505 999 5562 1366 5839 3900 7816 4260 8107 3340 7413 1290 5781 2878 6940 1596 1597 6008 1881 6223 605 5250 3861 7782 3878 8214 1092 5632 1292 6325 1741 1742 6115 1489 5932 1368 5841 2923 2924 6977
50 55 60 65 70	424162 424800 427809 446681 443402 428862 420486 409553 424870 452036 422562 422424 438704 424634 437117 457411 423013 441689 416391 419648 447205 416391 419648 447205 418994 432503 421814 424066 412563 446619 409182 453079 417259 424262 413333 408443 422809 420895 419682 433001 447357 411467 413289	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs sema domain, seven thrombospondin reprostate differentiation factor ESTs carding protein 1 prostate differentiation factor ESTs iroquois-class homeobox protein IRX2 secreted modular calcium-binding protein ESTs iroquois-class homeobox protein IRX2 secreted modular calcium-binding protein ESTs, Moderately similar to T17372 plas ESTs, Moderately similar to T17372 plas ESTs, Moderately similar to T17372 plas ESTs, Weakly similar to 138022 hypothet ESTs LIM protein (similar to rat protein kin chondroitin sulfate proteoglycan 2 (ver DKFZP564C103 protein fibroblast growth factor 1 (acidic) ESTs hypothetical protein FLJ10549 gb;yw23b03,r1 Morton Fetal Cochtea Hompaired-like homeodomain transcription f clone HQ0310 PRO0310g1. ESTs coppine II forkhead box L2	LU AA336225 AL035588 M26380 AJ003624 U77846 NM_000346 AF036365 AF055020 T15545 ae NM_003966 AI962060 AI186431 AI435060 NM_003613 AL049256 AW972881 AW875443 AI123705 AI878927 T73661 BE617015 AW058357 AW748482 AA296520 AA551196 L12350 Z99348 Z35372 AU076643 AA064970 AW160480 AW903838 BE294493 M74028 N33937 AK001379 O H88685 H13139 AF217513 AI375922 AW903820	Hs. 153203 Hs. 153203 Hs. 180878 Hs. 15896 Hs. 15896 Hs. 9295 Hs. 2316 Hs. 92303 Hs. 54937 Hs. 244624 Hs. 27621 Hs. 118397 Hs. 296638 Hs. 6705 Hs. 122593 Hs. 176507 Hs. 122593 Hs. 172593 Hs. 176507 Hs. 122593 Hs. 179284 Hs. 199248 Hs. 199248 Hs. 1797873 Hs. 189526 Hs. 188952 Hs. 188952 Hs. 188952 Hs. 188952 Hs. 154103 Hs. 376137 Hs. 154103 Hs. 154103 Hs. 144058 Hs. 75297 Hs. 10336 Hs. 121028 Hs. 121028	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909 359 360 5060 2014 6308 4273 4274 8119 1700 6085 1681 6070 3349 7334 1981 1982 6285 3235 7234 4552 8349 1769 6135 3533 7505 999 5562 1366 5839 3900 7816 4260 8107 3430 7413 1290 5781 2878 6940 1596 1597 6008 1881 6223 605 5250 3861 7782 320 5033 4387 8214 1092 5632 1924 6245 703 5327 222 4956 1741 1742 6115 1489 5932 1288 5841 2923 2924 6977 3917 7829
50 55 60 65 70 75	424162 424800 427809 446681 443402 428862 420486 409553 424870 452036 422562 422424 438704 424634 437117 457411 423013 441689 416391 419648 447205 439755 418994 432503 421814 424066 412563 446619 409182 453079 417259 424262 413333 408443 422809 420895 419682 433001 447357 414467	ESTs, Weakly similar to ALU2_HUMAN A MyoD family inhibitor lipoprotein lipase kendrin elastin (supravalvular aortic stenosis, SRY (sex determining region Y)-box 9 (c caveolin 3 semaphorin Y ESTs sema domain, seven thrombospondin reprostate differentiation factor ESTs carding protein 1 prostate differentiation factor ESTs iroquois-class homeobox protein IRX2 secreted modular calcium-binding protei ESTs mesoderm specific transcript (mouse) hothyroid hormone responsive SPOT14 (rat) ESTs, Moderately similar to T17372 plas ESTs B7 homolog 3 selectin E (endothelial adhesion molecu ESTs, Weakly similar to 138022 hypothet ESTs LIM protein (similar to rat protein kin chondroitin sulfate proteoglycan 2 (ver DKFZP564C103 protein fibroblast growth factor 1 (acidic) ESTs hypothetical protein FLJ10549 gb;yw23b03;r1 Morton Fetal Cochlea Hompaired-like homeodomain transcription f clone HQ0310 PRO0310p1. ESTs copine II forkhead box L2	LU AA336225 AL035588 M26380 AJ003624 U77846 NM_000346 AF036365 AF055020 T15545 AR055020 T15545 AR05060 AI186431 AI435060 NM_003613 AL049256 AW972881 AW875443 AI123705 AI878927 T73661 BE617015 AW058357 AW748482 AA296520 AA551196 L12350 Z99348 Z25372 AU076643 AA064970 AW160480 AW903838 BE294493 M74028 N33937 AK001379 o H88685 H13139 AF217513 AI375922 AW903820 AA128061	Hs. 153203 Hs. 153203 Hs. 180878 Hs. 180878 Hs. 15896 Hs. 9295 Hs. 9295 Hs. 92303 Hs. 54937 Hs. 244624 Hs. 27621 Hs. 118397 Hs. 296638 Hs. 6705 Hs. 12593 Hs. 276507 Hs. 122593 Hs. 276507 Hs. 122593 Hs. 176507 Hs. 122593 Hs. 176507 Hs. 192248 Hs. 193248 Hs. 193248 Hs. 193248 Hs. 1835621 Hs. 350621 Hs. 350621 Hs. 350621 Hs. 350621 Hs. 350621 Hs. 350621 Hs. 350621 Hs. 376137 Hs. 154103 Hs. 174058 Hs. 17297 Hs. 10336 Hs. 121028 Hs. 12282 Hs. 279905 Hs. 122821 Hs. 25752	Hs.93135 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	4.5 1907 6235 2002 2003 6300 2373 6562 3869 7789 3619 3620 7585 2483 2484 6650 1456 1457 5909 359 360 5060 2014 6308 4273 4274 8119 1700 6085 1681 6070 3349 7334 1981 1982 6285 3235 7234 4552 8349 1769 6135 3533 7505 999 5562 1366 5839 3900 7816 4260 8107 3430 7413 1290 5781 22878 6940 1596 1597 6008 1891 6223 605 5250 3861 7782 320 5033 4387 8214 1092 5632 1924 6245 703 5327 222 4956 1741 1742 6115 1489 5932 1368 5841 2923 2924 6977 3917 7829 821 5424

						2004 7004
	446962	muscle specific ring finger protein 1	AI351421	Hs.279709	4.4	3884 7801
	423922	muscle-specific beta 1 integrin binding	AK001663	Hs.135458	4.4	1871 1872 6210
	425262	GS3955 protein	D87119	Hs.155418	4.4	2076 2077 6354
	417421	nuclear receptor subfamily 4, group A,	AL138201	Hs.82120	4.4	1118 5653
5	418283	cathepsin K (pycnodysostosis)	S79895	Hs.83942	4.4	1210 1211 5724
	419407	hypothetical protein FLJ21276	AW410377		4.3	1334 5817
				Hs.41502		4404 8228
	453221	ESTs ENGOGAS	AW590263	Hs.232311	4.3	
	426395	hypothetical protein FLJ23316	BE151985	Hs.355669	4.3	2217 6451
1.0	436411	gb:ba63c07.y1 NIH_MGC_12 Homo sapi	ens c AW6743	52 Hs.293836	6 4.3	3185 7190
10	423057	ESTs, Moderately similar to 138022 hypo	AW961597	Hs.130816	4.3	1773 6139
	441104	ESTs	AI382357	Hs.143903	4.3	3499 7474
	410762	HSKM-B protein	AF226053	Hs.66170	4.3	492 493 5157
	414715	amylo-1,6-glucosidase, 4-alpha-glucanot		Hs.904	4.3	855 5450
	433209	KIAA1474 protein	AB040907	Hs.278436	4.3	2953 2954 6999
15			Z37976			
13	418036	latent transforming growth factor beta		Hs.83337	4.3	1180 1181 5699
	440087	hypothetical protein FLJ22678	W28969	Hs.7718	4.3	3452 7433
	417160	proteolipid protein 1 (Pelizaeus-Merzba	N76497	Hs.355807	4.3	1086 5626
	420456	SH3-domain binding protein 1	Z83844	Hs.97858	4.3	3281 5906
	428046	ESTs, Moderately similar to I38022 hypo	AW812795	Hs.337534	4.3	2393 6579
20	451154	ESTs	AA015879	Hs.33536	4.3	4215 8074
	410929	ESTs	H47233	Hs.30643	4.3	504 5166
	423563	protein kinase (cAMP-dependent, catalyt		Hs.75209	4.3	1817 6171
	411929	ESTs	AA098880	Hs.69297	4.3	561 5213
25	427826	myomegalin	AL043194	Hs.265848	4.3	2375 6564
25	430702	H factor 1 (complement)	U56979	Hs.250651	4.3	2724 2725 6823
	415885	KIAA0161 gene product	D79983	Hs.78894	4.3	953 954 5524
	437696	hypothetical protein dJ37E16.5	Z83844	Hs.5790	4.3	3281 7274
	453452	ESTs	AI080235	Hs.174497	4.3	4420 8242
	421307	Homo sapiens mRNA; cDNA DKFZp434E	30425 ( BE539			1528 5963
30	433043	lymphoid nuclear protein (LAF-4) mRNA	W57554	Hs.125019	4.3	2930 6982
-	426054				4.3	
		ELAV (embryonic lethal, abnormal vision		Hs.166109		2164 2165 6413
	449342	hypothetical protein DKFZp434D1428	AA814517	Hs.321775	4.3	4082 7964
	403088	NM_003319*:Homo sapiens titin (TTN), rr	nR		4.3	4707
~ ~	436315	hypothetical protein MGC4837	BE390513	Hs.27935	4.3	3182 7187
35	407711	KIAA1808 protein	AI085846	Hs.25522	4.2	151 4896
	422414	ESTs	AW875237	Hs.132160	4.2	1680 6069
	432943	HSPC018 protein	AW575160	Hs.283677	4.2	2917 6971
	443105	chondroitin sulfate proteoglycan 4 (mel	X96753	Hs.9004	4.2	3600 3601 7568
40	450534	KIAA0470 gene product	AI570189	Hs.25132	4.2	4175 8040
40	431632	Homo sapiens cDNA FLJ10130 fis, clone			4.2	2804 6882
	452195	ESTs	AA994712	Hs.116878	4.2	4296 8138
	448386	KIAA1329 protein	AB037750	Hs.21061	4.2	3997 3998 7896
	409716	Homo sapiens mRNA; cDNA DKFZp586J	1717 ( AL1174	154 Hs.56027	4.2	383 5077
	417796	ESTs	AA206141	Hs.367818	4.2	1159 5682
45	410055	gene for serine/threonine protein kinas	AJ250839	Hs.58241	4.2	414 415 5102
	420582	Homo sapiens chromosome 19, cosmid R			4.2	1464 5915
	417675	similar to murine leucine-rich repeat p	AI808607	Hs.3781	4.2	1144 5670
	424806	MSTP031 protein	AA382523	Hs.105689	4.2	2004 6301
50	438072	ESTs	AA992149	Hs.121899	4.2	3297 7290
50	407330	gb:nn51b05.s1 NCI_CGAP_Kid6 Homo s				136 4884
	416857	FGENESH predicted TM containing protein	in AA188775	Hs.292453	4.2	1042 5592
	439737	Homo sapiens mRNA full length insert cD	AI751438	Hs.41271	4.2	3427 7410
	423914	Human DNA sequence from clone RP3-4	66N1 BE37948	35 Hs.135259	4.2	1868 6208
	425494	ESTs, Weakly similar to similar to anky	N55540	Hs.78026	4.2	2107 6374
55	423171	hypothetical protein DKFZp761G1913	AW138498		4.2	1778 6143
-	451811	hypothetical protein MGC1136				
	408449	nypothetical protein wido i 100		Hs.245880	12	
		dunamin 1	AA663485	Hs.8719	4.2	4259 8106
		dynamin 1	AA663485 NM_004408	Hs.8719 Hs.1 66161	4.2	4259 8106 224 225 4958
	409882	heat shock 27kD protein family, member	AA663485 NM_004408 AJ243191	Hs.8719 Hs.1 66161 Hs.56874	4.2 4.2	4259 8106 224 225 4958 395 396 5087
60	443163	heat shock 27kD protein family, member ESTs	AA663485 NM_004408 AJ243191 AI082610	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079	4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572
60	443163 456508	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-	AA663485 NM_004408 AJ243191 AI082610 0 AA502764	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469	4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325
60	443163 456508 454090	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM- gb:MR0-CT0064-100899-002-h09 CT006	AA663485 NM_004408 AJ243191 Al082610 0 AA502764 4 Hom AW062	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462	4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298
60	443163 456508	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-	AA663485 NM_004408 AJ243191 AI082610 0 AA502764	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469	4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325
60	443163 456508 454090 432211	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM- gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986	AA663485 NM_004408 AJ243191 Al082610 0 AA502764 4 Hom AW062	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333	4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917
	443163 456508 454090 432211 431830	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM- gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C	AA663485 NM_004408 AJ243191 AI082610 0 AA502764 4 Hom AW062 BE274530 Y16645	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333 Hs.271387	4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900
	443163 456508 454090 432211 431830 445677	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006-hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E	AA663485 NM_004408 AJ243191 AI082610 0 AA502764 4 Hom AW062 BE274530 Y16645 H96577	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333 Hs.271387 Hs.6838	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723
60 65	443163 456508 454090 432211 431830 445677 417114	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs	AA663485 NM_004408 AJ243191 Al082610 0 AA502764 4 Hom AW062 BE274530 Y16645 H96577 AA193472	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333 Hs.271387	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621
	443163 456508 454090 432211 431830 445677 417114 400653	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha	AA663485 NM_004408 AJ243191 AI082610 0 AA502764 4 Hom AW062 BE274530 Y16645 H96577 AA193472	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333 Hs.271387 Hs.6838 Hs.20007	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637
	443163 456508 454090 432211 431830 445677 417114 400653 433323	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs	AA663485 NM_004408 AJ243191 Al082610 0 AA502764 4 Hom AW062 BE274530 Y16645 H96577 AA193472 3 AA805132	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333 Hs.271387 Hs.6838 Hs.20007	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011
	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006-hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive	AA663485 NM_004408 AJ24310 41082610 0 AA502764 4 Hom AW062 BE274530 Y16645 H96577 AA193472 3 AA805132 NM_005357	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881
65	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive ESTs	AA663485 NM_004408 AJ243191 A1082610 0 AA502764 4 Hom AW062 BE274530 Y16645 H96577 AA193472 3 AA805132 NM_005357 AI566164	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.277445	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870
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65	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive ESTs	AA663485 NM_004408 AJ243191 Al082610 0 AA502764 4 Horn AW062 BE274530 Y16645 H96577 A193472 3 AA805132 NM_005357 AI566164 H57646	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.277445	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870
65	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946 445263	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive ESTs KIAA1560 protein	AA663485 NM_004408 AJ243191 Al082610 0 AA502764 4 Horn AW062 BE274530 Y16645 H96577 A193472 3 AA805132 NM_005357 AI566164 H57646	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.132079 Hs.123469 4462 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.277445 Hs.42586	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870 3755 7697
65	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946 445263 407896 428317	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs Ilpase, hormone-sensitive ESTs KIAA1560 protein Zic family member 1 (odd-paired Drosoph ESTs	AA663485 NM_004408 AJ2431610 0 AA502764 4 Hom AW062 BE274530 Y16645 H96577 AA193472 3 AA805132 NM_005357 AI566164 H57646 b 76645 D 766435 AW022609	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.277445 Hs.42586 Hs.41154 Hs.50745	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870 3755 7697 176 177 4919 2431 6610
65	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946 445263 407896 428317 415668	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive ESTs KIAA1560 protein Zic family member 1 (odd-paired Drosoph ESTs Homo sapiens lysyl oxidase-like 4 (LOXL	AA663485 NM_004408 AJ243191 A1082610 0 AA502764 4 Hom AW062 BE274530 Y16645 H96577 AA193472 3 AA805132 NM_005357 AI566164 H57646 D76435 AW022609 AW957684	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.277445 Hs.41154 Hs.50745 Hs.306814	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870 3755 7697 176 177 4919 2431 6610 936 5510
65 70	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946 445263 407896 428317 415668 414774	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive ESTs KIAA1560 protein Zic family member 1 (odd-paired Drosoph ESTs Homo sapiens lysyl oxidase-like 4 (LOXL plasminogen activator, urokinase	AA663485 NM_004408 AJ243191 Al082610 0 AA502764 4 Horn AW062 BE274530 Y16645 H96577 A193472 3 AA805132 NM_005357 AI566164 H57646 D76435 AW022609 AW957684 X02419	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.42586 Hs.41154 Hs.50745 Hs.306814 Hs.77274	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870 3755 7697 176 177 4919 2431 6610 936 5510 869 870 5461
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65 70	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946 445263 407896 428317 415668 414774 431103 425712 408202	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive ESTs KIAA1560 protein Zic family member 1 (odd-paired Drosoph ESTs Homo sapiens lysyl oxidase-like 4 (LOXL plasminogen activator, urokinase pleiotrophin (heparin binding growth fa ESTs, Moderately similar to ALU1_HUMA DKFZP586L151 protein	AA663485 NM_004408 AJ243191 A1082610 0 AA502764 4 Hom AW062 BE274530 Y16645 H96577 AA193472 3 AA805132 NM_005357 AI566164 H57646 D76435 AW022609 AW957684 X02419 M57399 N AA412548 AA227710	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 Hs.223469 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.977445 Hs.42586 Hs.41154 Hs.50745 Hs.306814 Hs.77274 Hs.43658	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870 3755 7697 176 177 4919 2431 6610 936 5510 869 870 5461 2748 2749 6840 2130 6389 202 4942
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<ul><li>65</li><li>70</li><li>75</li></ul>	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946 445263 407896 428317 415668 414774 431103 425712 408202	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive ESTs KIAA1560 protein Zic family member 1 (odd-paired Drosoph ESTs Homo sapiens lysyl oxidase-like 4 (LOXL plasminogen activator, urokinase pleiotrophin (heparin binding growth fa ESTs, Moderately similar to ALU1_HUMA DKFZP586L151 protein	AA663485 NM_004408 AJ243191 A1082610 0 AA502764 4 Hom AW062 BE274530 Y16645 H96577 AA193472 3 AA805132 NM_005357 AI566164 H57646 D76435 AW022609 AW957684 X02419 M57399 N AA412548 AA227710	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 Hs.223469 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.977445 Hs.42586 Hs.41154 Hs.50745 Hs.306814 Hs.77274 Hs.43658	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870 3755 7697 176 177 4919 2431 6610 936 5510 869 870 5461 2748 2749 6840 2130 6389 202 4942
65 70	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946 445263 407896 428317 415668 414774 431103 42571 408202 424119	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive ESTs KIAA1560 protein Zic family member 1 (odd-paired Drosoph ESTs Homo sapiens lysyl oxidase-like 4 (LOXL plasminogen activator, urokinase pleiotrophin (heparin binding growth fa ESTs, Moderately similar to ALU1_HUMA DKFZP586L151 protein ESTs	AA663485 NM_004408 NM_004408 NM_20191 A1082610 O AA502764 4 Hom AW062 BE274530 Y16645 H96577 AA193472 3 AA805132 NM_005357 AI566164 H57646 D76435 AW022609 AW957684 X02419 M57399 N AA412548 AA227710 AI141999 AF134157	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.477445 Hs.42586 Hs.41154 Hs.50745 Hs.306814 Hs.77274 Hs.44 Hs.21423 Hs.421423 Hs.43668 Hs.113314	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870 3755 7697 176 177 4919 2431 6610 936 5510 869 870 5461 2748 2749 6840 2130 6389 2130 6389 2492 1899 6229
<ul><li>65</li><li>70</li><li>75</li></ul>	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946 445263 407896 428317 415668 414774 431103 425712 408202 424119 426369 453876	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive ESTs KIAA1560 protein Zic family member 1 (odd-paired Drosoph ESTs Homo sapiens lysyl oxidase-like 4 (LOXL plasminogen activator, urokinase pleiotrophin (heparin binding growth fa ESTs, Moderately similar to ALU1_HUMA DKFZP586L151 protein ESTs Kreisler (mouse) maf-related leucine zi ESTs, Weakly similar to 138022 hypothet	AA663485 NM_004408 AJ243191 Al082610 0 AA502764 4 Hom AW062 BE274530 Y16645 H96577 AA193472 3 AA805132 NM_005357 AI566164 H57646 b 076435 AW022609 AW957684 X022609 AW957684 AA227710 AI141999 A A412548 AA227710 AI141999 AF134157 AW021748	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.277445 Hs.42586 Hs.405814 Hs.77274 Hs.44 Hs.21423 Hs.43658 Hs.113314 Hs.113314 Hs.169487 Hs.110406	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870 3755 7697 176 177 4919 2431 6610 936 5510 869 870 5461 2748 2749 6840 2130 6389 202 4942 1899 6229 2213 2214 6448 4457 8271
<ul><li>65</li><li>70</li><li>75</li></ul>	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946 445263 407896 428317 415668 414774 431103 425712 408202 424119 426369 453876 435406	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive ESTs KIAA1560 protein Zic family member 1 (odd-paired Drosoph ESTs Homo sapiens lysyl oxidase-like 4 (LOXL plasminogen activator, urokinase pleiotrophin (heparin binding growth fa ESTs, Moderately similar to ALU1_HUMA DKFZP586L151 protein ESTs Kreisler (mouse) maf-related leucine zi ESTs, Weakly similar to 138022 hypothet calcium/calmodulin-dependent protein ki	AA663485 NM_004408 AJ243191 A1082610 0 AA502764 4 Horn AW062 BE274530 Y16645 H96577 AA193472 3 AA805132 NM_005357 AU566164 H57646 D76435 AW022609 AW957684 X02419 M57399 N AA412548 AA227710 AI141999 AF134157 AW021748 F26698	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.132079 Hs.123469 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.9 5351 Hs.9 77445 Hs.42586 Hs.41154 Hs.50745 Hs.306814 Hs.77274 Hs.44 Hs.10406 Hs.4884	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870 3755 7697 176 177 4919 2431 6610 3755 7697 176 177 4919 2431 6610 3765 510 869 870 5461 2748 2749 6840 2130 6389 202 4942 1899 6229 2213 2214 6448 4457 8271 3124 7140
<ul><li>65</li><li>70</li><li>75</li></ul>	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946 445263 407896 428317 415668 414774 431103 42571 426369 428369 428369 435406 429951	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive ESTs KIAA1560 protein Zic family member 1 (odd-paired Drosoph ESTs Homo sapiens lysyl oxidase-like 4 (LOXL plasminogen activator, urokinase pleiotrophin (heparin binding growth fa ESTs, Moderately similar to ALU1_HUMA DKFZP586L151 protein ESTs Kreisler (mouse) maf-related leucine zi ESTs, Weakly similar to 138022 hypothet calcium/calmodulin-dependent protein ki zinc finger protein 106	AA663485 NM_004408 AJ243191 AI082610 O AA502764 4 Horn AW062 BE274530 Y16645 H96577 AA193472 3 AA805132 NM_005357 AI566164 H57646 D76435 AW022609 AW957684 X02419 M57399 N AA412548 AA227710 AI141999 AF134157 AW021748 AV021748 AV021748 AV021748 AV021748 AV021748 AV021748 AV021748 AV021748	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 4462 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.477445 Hs.42586 Hs.41154 Hs.50745 Hs.306814 Hs.77274 Hs.44 Hs.21423 Hs.43658 Hs.113314 Hs.169487 Hs.110406	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870 3755 7697 176 177 4919 2431 6610 3755 7697 176 177 4919 2431 6610 2436 2749 6840 2130 6389 202 4942 1899 6229 2213 2214 6448 4457 8271 3124 7140 2624 6752
<ul><li>65</li><li>70</li><li>75</li></ul>	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946 445263 407896 428317 415668 414774 431103 425712 408202 424119 426369 453876 435406 429951 408920	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive ESTs KIAA1560 protein Zic family member 1 (odd-paired Drosoph ESTs Homo sapiens lysyl oxidase-like 4 (LOXL plasminogen activator, urokinase pleiotrophin (heparin binding growth fa ESTs, Moderately similar to ALU1_HUMA DKFZP586L151 protein ESTs Kreisler (mouse) maf-related leucine zi ESTs, Weakly similar to 138022 hypothet calcium/calmodulin-dependent protein ki zinc finger protein 106 fibronectin leucine rich transmembrane	AA663485 NM_004408 AJ_243191 AJ082610 0 AA502764 4 Hom AW062 BE274530 Y16645 H96577 AA193472 3 AA805132 NM_005357 AJ566164 H57646 D76435 AW022609 AW957684 X02419 M57399 N AA412548 AA227710 AI141999 AF134157 AW021748 F26698 AL040521 AL040521 AL120071	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.277445 Hs.42586 Hs.41154 Hs.50745 Hs.306814 Hs.47274 Hs.444 Hs.21423 Hs.43658 Hs.113314 Hs.169487 Hs.110406 Hs.44884 Hs.110406 Hs.48898	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 8252 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870 3755 7697 176 177 4919 2431 6610 936 5510 869 870 5461 2748 2749 6840 2130 6389 202 4942 1899 6229 2213 2214 6448 4457 8271 3124 7140 2624 6752 276 4999
<ul><li>65</li><li>70</li><li>75</li><li>80</li></ul>	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946 445263 407896 445263 407896 414774 431103 425712 408202 424119 426369 45369 45366 429951 408920 444412	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive ESTs KIAA1560 protein Zic family member 1 (odd-paired Drosoph ESTs Homo sapiens lysyl oxidase-like 4 (LOXL plasminogen activator, urokinase pleiotrophin (heparin binding growth fa ESTs, Moderately similar to ALU1_HUMA DKFZP586L151 protein ESTs Kreisler (mouse) maf-related leucine zi ESTs, Weakly similar to 138022 hypothet calcium/calmodulin-dependent protein ki zinc finger protein 106 fibronectin leucine rich transmembrane Homo sapiens clone HH409 unknown mR	AA663485 NM_004408 AJ243191 A1082610 0 AA502764 4 Horn AW0625 BE274530 Y16645 H96577 AA193472 3 AA805132 NM_005357 AU566164 H57646 D76435 AW022609 AW957684 X02419 M57399 NA412548 AA227710 AI141999 AF134157 AW021748 F26698 AL040521 AL120071 KNA AI147652	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.277445 Hs.306814 Hs.77274 Hs.444 Hs.21423 Hs.43658 Hs.113314 Hs.113314 Hs.15220 Hs.4884 Hs.15220 Hs.48884 Hs.15220 Hs.48898	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870 3755 7697 1776 177 4919 2431 6610 936 5510 869 870 5461 2748 2749 6840 2130 6389 202 4942 1899 6229 2213 2214 6448 4457 8271 3124 7140 2624 6752 276 4999 3700 7655
<ul><li>65</li><li>70</li><li>75</li></ul>	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946 445263 407896 428317 415668 414774 431103 425712 408202 424119 426369 453876 435406 429951 408920 444412 450336	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive ESTs KIAA1560 protein Zic family member 1 (odd-paired Drosoph ESTs Homo sapiens lysyl oxidase-like 4 (LOXL plasminogen activator, urokinase pleiotrophin (heparin binding growth fa ESTs, Moderately similar to ALU1_HUMA DKFZP586L151 protein ESTs Kreisler (mouse) maf-related leucine zi ESTs, Weakly similar to 138022 hypothet calcium/calmodulin-dependent protein ki zinc finger protein 106 fibronectin leucine rich transmembrane Homo sapiens cDNA: FLJ23296 fis, clone	AA663485 NM_004408 AJ243191 AI082610 0 AA502764 4 Horn AW062 BE274530 Y16645 H96577 A193472 3 AA805132 NM_005357 AI566164 H57646 D76435 AW022609 AW957684 X02419 M57399 N AA412548 AA227710 AI141999 AF134157 AW021748 F26698 AL040521 AL120071 KNA AI147652	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.132079 Hs.123469 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.42586 Hs.41154 Hs.50745 Hs.40588 Hs.113314 Hs.169487 Hs.110406 Hs.4884 Hs.15220 Hs.48998 E Hs.216381 Hs.288928	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870 3755 7697 176 177 4919 2431 6610 936 5510 869 870 5461 2748 2749 6840 2130 6389 202 4942 1899 6229 2213 2214 6448 4457 8271 3124 7140 2624 6752 276 4999 3700 7655 4155 8025
<ul><li>65</li><li>70</li><li>75</li><li>80</li></ul>	443163 456508 454090 432211 431830 445677 417114 400653 433323 420139 447946 445263 407896 445263 407896 414774 431103 425712 408202 424119 426369 45369 45366 429951 408920 444412	heat shock 27kD protein family, member ESTs ESTs, Weakly similar to AF208855 1 BM-gb:MR0-CT0064-100899-002-h09 CT006 hypothetical protein FLJ10986 small inducible cytokine subfamily A (C ras homolog gene family, member E ESTs NM_001104*:Homo sapiens actinin, alpha ESTs lipase, hormone-sensitive ESTs KIAA1560 protein Zic family member 1 (odd-paired Drosoph ESTs Homo sapiens lysyl oxidase-like 4 (LOXL plasminogen activator, urokinase pleiotrophin (heparin binding growth fa ESTs, Moderately similar to ALU1_HUMA DKFZP586L151 protein ESTs Kreisler (mouse) maf-related leucine zi ESTs, Weakly similar to 138022 hypothet calcium/calmodulin-dependent protein ki zinc finger protein 106 fibronectin leucine rich transmembrane Homo sapiens clone HH409 unknown mR	AA663485 NM_004408 AJ243191 A1082610 0 AA502764 4 Horn AW0625 BE274530 Y16645 H96577 AA193472 3 AA805132 NM_005357 AU566164 H57646 D76435 AW022609 AW957684 X02419 M57399 NA412548 AA227710 AI141999 AF134157 AW021748 F26698 AL040521 AL120071 KNA AI147652	Hs.8719 Hs.1 66161 Hs.56874 Hs.132079 Hs.123469 462 Hs.273333 Hs.271387 Hs.6838 Hs.20007 Hs.159142 Hs.9 5351 Hs.277445 Hs.306814 Hs.77274 Hs.444 Hs.21423 Hs.43658 Hs.113314 Hs.113314 Hs.15220 Hs.4884 Hs.15220 Hs.48884 Hs.15220 Hs.48898	4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	4259 8106 224 225 4958 395 396 5087 3605 7572 4521 8325 4490 8298 2852 6917 2827 2828 6900 3791 7723 1080 5621 4637 2970 7011 1419 1420 5881 3968 7870 3755 7697 1776 177 4919 2431 6610 936 5510 869 870 5461 2748 2749 6840 2130 6389 202 4942 1899 6229 2213 2214 6448 4457 8271 3124 7140 2624 6752 276 4999 3700 7655

	420247	Home periods aDNA, FL 121242.55 also	A A 0.24 E E 2	Un 200040	4.4	2544 6606
	429317	Homo sapiens cDNA: FLJ21243 fis, clone		Hs.268016	4.1	2544 6696
	416783	monocyte to macrophage differentiation-		Hs.79889	4.1	1031 5584
	450842	ESTs	AA011358	Hs.103316	4.1	4200 8061
5	451669	Homo sapiens, clone IMAGE:3603836, m				4243 8095
)	416728	casein kinase 1, epsilon	AB024597	Hs.79658	4.1	1024 1025 5580
	452991	ESTs	Al393659	Hs.375560	4.1	4376 8204
	413004	interleukin enhancer binding factor 2,	T35901	Hs.75117	4.1	667 5300
	448866	myogenic factor 3	BE297743	Hs.284203	4.1	4044 7932
10	447628	ESTs	Al914617	Hs.161353	4.1	3943 7850
10	452242	gycosyltransferase	R50956	Hs.159993	4.1	4305 8145
	426996	Homo sapiens cDNA: FLJ21897 fis, clone		Hs.173108	4.1	2295 6503
	407965	heat shock 27kD protein 3	W21483	Hs.41707	4.1	183 4925
	428303	regulator of G-protein signalling 16	AW974476	Hs.183601	4.1	2425 6606
1.5	439450	ESTs	R51613	Hs.125304	4.1	3397 7380
15	435937	ESTs	AA830893	Hs.119769	4.1	3164 7172
	433972	cisplatin resistance-associated overexp	AI878910	Hs.278670	4.1	3021 7054
	428418	ESTs	AI368826	Hs.8768	4.1	2441 6619
	423550	ESTs	F37675	Hs.152129	4.1	1815 6169
•	406627	ESTs	T64904	Hs.163780	4.1	30 4812
20	436555	ESTs, Weakly similar to 2003319A ankyri	AI972007	Hs.304646	4.1	3200 7202
	408696	NS1-associated protein 1	AW958157	Hs.355960	4.1	249 4979
	426433	thrombospondin 3	L38969	Hs.169875	4.1	2226 2227 6457
	408753	SH3 domain binding glutamic acid-rich p		Hs.47438	4.1	254 4983
	409038	small inducible cytokine subfamily A (C	T97490	Hs.50002	4.1	. 298 5016
25	416140	roundabout (axon guidance receptor, Dro		Hs.301198	4.0	978 5545
	422961	B-cell CLL/lymphoma 9	Y13620	Hs.122607	4.0	1763 1764 6131
	446508	hypothetical protein FLJ13441	H11701	Hs.232146	4.0	3844 7768
	430558	KIAA1067 protein	AB028990	Hs.325530	4.0	2710 2711 6813
	411127 .	hypothetical protein	AA668995	Hs.323463	4.0	516 5176
30	446019	histone deacetylase 3	Al362520	Hs.302718	4.0	3810 7739
-	415580	ESTs, Weakly similar to ALU1_HUMAN A		Hs.369191	4.0	931 5505
	417994	cytotoxic T-lymphocyte-associated prote		Hs.247824	4.0	
	421937			Hs.109706		1173 5694
		hematological and neurological expresse			4.0	1617 6024
35	446510	retinoic acid induced 14	H58306	Hs.15165	4.0	3847 7770
33	426817	Homo sapiens mRNA; cDNA DKFZp5640				2276 6488
	421483	hypothetical protein MGC11333	NM_003388		4.0	1545 1546 5973
	412473	ESTs	F23393	Hs.153060	4.0	594 5241
	424223	putative DNA/chromatin binding motif	AJ243706	Hs.143323	4.0	1915 1916 6240
40	449030	Homo sapiens mRNA for FLJ00016 protein		Hs.57100	4.0	4059 7943
40	426344	transcriptional activator of the c-fos	H41821	Hs.322469	4.0	2209 6445
	432787	HSPC054 protein	NM_014152		4.0	2905 2906 6962
	426304	Homo sapiens cDNA FLJ11477 fis, clone	H AA374532	Hs.124673	4.0	2198 6438
	419290	spinal cord-derived growth factor-B	Al128114	Hs.112885	4.0	1327 5810
15	406850	collagen, type I, alpha 1	AI624300	Hs.172928	4.0	70 4837
45	401284	Target Exon			4.0	4648
	448121	hypothetical protein DKFZp564F013	AL045714	Hs.128653	4.0	3979 7881
	448646	transcription factor 12 (HTF4, helix-lo	AU077149	Hs.21704	4.0	4022 7914
	459578	EST			4.0	8391
	440594	ESTs	AW445167	Hs.126036	4.0	3475 7453
50	419452	PTK7 protein tyrosine kinase 7	U33635	Hs.90572	4.0	1340 1341 5821
	424511	ESTs, Moderately similar to ALU7_HUMA	N BE300512	Hs.193557	4.0	1967 6276
	443072	gb:wp78d02.x1 NCI_CGAP_Bm25 Homo				3599 7567
	429713	thioredoxin, mitochondrial	N41898	Hs.211929	4.0	2608 6740
	446452	KIAA0740 gene product	AB018283	Hs.15099	3.9	3839 3840 7765
55	451678	DKFZP564D0764 protein	AA374181	Hs.26799	3.9	4244 8096
	419940	ESTs	AW611903	Hs.144585	3.9	1397 5864
	415024	ESTs	Al983981	Hs.296141	3.9	902 5483
	445470	ESTs	AI239871	Hs.154758	3.9	3772 7710
	418399	hypothetical protein FLJ12442	AF131781	Hs.84753	3.9	1232 1233 5738
60	413929	collagen, type IV, alpha 2	BE501689	Hs.75617	3.9	754 5368
	430030	lectin, galactoside-binding, soluble, 1	BE300094	Hs.227751	3.9	2641 6764
	452701	glutarnine-fructose-6-phosphate transami	NM 005110		3.9	4345 4346 8178
	426363	transforming growth factor, beta 3	M58524	Hs.2025	3.9	2210 2211 6446
	445900	Homo sapiens clone 24787 mRNA sequer			3.9	3803 7733
65	435520	HNOEL-iso protein	AA297990		3.9	
UJ	411962	gb:zk85d12.r1 Soares_pregnant_uterus_/		Hs.9315		3130 7146
	432098	cytochrome P450 retinoid metabolizing p		11- 01540	3.9	563 5215
				Hs.91546	3.9	2839 2840 6908
	418647	gb:nc26a07.s1 NCI_CGAP_Pr1 Homo sap			3.8	1263 5761
70	452277	KIAA1223 protein	AL049013	Hs.28783	3.8	4308 8148
70	400000		41400000			
	408562	roundabout (axon guidance receptor, Dro		Hs.31141	3.8	240 4971
	452239	protein tyrosine phosphatase, receptor	AW379378	Hs.31141 Hs.356289	3.8	240 4971 4303 8143
	452239 439424	protein tyrosine phosphatase, receptor hypothetical protein FLJ22833	AW379378 Al478667	Hs.31141 Hs.356289 Hs.118183	3.8 3.8	240 4971 4303 8143 3396 7379
	452239 439424 433430	protein tyrosine phosphatase, receptor hypothetical protein FLJ22833 ESTs	AW379378 AI478667 AI863735	Hs.31141 Hs.356289 Hs.118183 Hs.369982	3.8 3.8 3.8	240 4971 4303 8143 3396 7379 2977 7018
75	452239 439424 433430 439673	protein tyrosine phosphatase, receptor hypothetical protein FLJ22833 ESTs Homo sapiens cDNA: FLJ22290 fis, clone	AW379378 Al478667 Al863735 T53169	Hs.31141 Hs.356289 Hs.118183 Hs.369982 Hs.9587	3.8 3.8 3.8 3.8	240 4971 4303 8143 3396 7379 2977 7018 3416 7399
75	452239 439424 433430 439673 451691	protein tyrosine phosphatase, receptor hypothetical protein FLJ22833 ESTs Homo sapiens cDNA: FLJ22290 fis, clone ESTs	AW379378 AI478667 AI863735 T53169 AI809278	Hs.31141 Hs.356289 Hs.118183 Hs.369982 Hs.9587 Hs.208152	3.8 3.8 3.8 3.8 3.8	240 4971 4303 8143 3396 7379 2977 7018 3416 7399 4248 8099
75	452239 439424 433430 439673 451691 417024	protein tyrosine phosphatase, receptor hypothetical protein FLJ22833 ESTs Homo sapiens cDNA: FLJ22290 fis, clone ESTs ESTs	AW379378 Al478667 Al863735 T53169 Al809278 Al467951	Hs.31141 Hs.356289 Hs.118183 Hs.369982 Hs.9587 Hs.208152 Hs.133326	3.8 3.8 3.8 3.8 3.8 3.8	240 4971 4303 8143 3396 7379 2977 7018 3416 7399 4248 8099 1061 5606
75	452239 439424 433430 439673 451691 417024 443617	protein tyrosine phosphatase, receptor hypothetical protein FLJ22833 ESTS Homo sapiens cDNA: FLJ22290 fis, clone ESTs ESTs papillary renal cell carcinoma (translo	AW379378 AI478667 AI863735 T53169 AI809278 AI467951 AA496425	Hs.31141 Hs.356289 Hs.118183 Hs.369982 Hs.9587 Hs.208152 Hs.133326 Hs.9629	3.8 3.8 3.8 3.8 3.8 3.8 3.8	240 4971 4303 8143 3396 7379 2977 7018 3416 7399 4248 8099 1061 5606 3629 7592
75	452239 439424 433430 439673 451691 417024 443617 435553	protein tyrosine phosphatase, receptor hypothetical protein FLJ22833 ESTS Homo sapiens cDNA: FLJ22290 fis, clone ESTs ESTS papillary renal cell carcinoma (translo KIAA0176 protein	AW379378 Al478667 Al863735 T53169 Al809278 Al467951 AA496425 D79998	Hs.31141 Hs.356289 Hs.118183 Hs.369982 Hs.9587 Hs.208152 Hs.133326 Hs.9629 Hs.4935	3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8	240 4971 4303 8143 3396 7379 2977 7018 3416 7399 4248 8099 1061 5606 3629 7592 3134 3135 7149
	452239 439424 433430 439673 451691 417024 443617 435553 434868	protein tyrosine phosphatase, receptor hypothetical protein FLJ22833 ESTs Homo sapiens cDNA: FLJ22290 fis, clone ESTs ESTs papillary renal cell carcinoma (translo KIAA0176 protein collagen, type VI, alpha 2	AW379378 Al478667 Al863735 T53169 Al809278 Al467951 AA496425 D79998 R50032	Hs.31141 Hs.356289 Hs.118183 Hs.369982 Hs.9587 Hs.208152 Hs.133326 Hs.9629	3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.7	240 4971 4303 8143 3396 7379 2977 7018 3416 7399 4248 8099 1061 5606 3629 7592 3134 3135 7149 3085 7106
75 80	452239 439424 433430 439673 451691 417024 443617 435553 434868 441965	protein tyrosine phosphatase, receptor hypothetical protein FLJ22833 ESTs Homo sapiens cDNA: FLJ22290 fis, clone ESTs ESTs papillary renal cell carcinoma (translo KIAA0176 protein collagen, type VI, alpha 2 ESTs	AW379378 AI478667 AI863735 T53169 AI809278 AI467951 AA496425 D79998 R50032 AA972712	Hs.31141 Hs.356289 Hs.118183 Hs.369982 Hs.9587 Hs.208152 Hs.133326 Hs.9629 Hs.4935	3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.7 3.7	240 4971 4303 8143 3396 7379 2977 7018 3416 7399 4248 8099 1061 5606 3629 7592 3134 3135 7149 3085 7106 3544 7516
	452239 439424 433430 439673 451691 417024 443617 435553 434868 441965 422565	protein tyrosine phosphatase, receptor hypothetical protein FLJ22833 ESTS Homo sapiens cDNA: FLJ22290 fis, clone ESTs ESTs papillary renal cell carcinoma (translo KIAA0176 protein collagen, type VI, alpha 2 ESTs singed (Drosophila)-like (sea urchin fa	AW379378 AI478667 AI863735 T53169 AI809278 AI467951 AA496425 D79998 R50032 AA972712 BE259035	Hs.31141 Hs.356289 Hs.118183 Hs.369982 Hs.9587 Hs.208152 Hs.133326 Hs.9629 Hs.4935 Hs.159263	3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.7 3.7	240 4971 4303 8143 3396 7379 2977 7018 3416 7399 4248 8099 1061 5606 3629 7592 3134 3135 7149 3085 7106 3544 7516 1701 6086
	452239 439424 433430 439673 451691 417024 443617 435553 434868 441965 422565 429290	protein tyrosine phosphatase, receptor hypothetical protein FLJ22833 ESTS Homo sapiens cDNA: FLJ22290 fis, clone ESTs ESTS ESTS ESTS Additional cell carcinoma (translo KIAA0176 protein collagen, type VI, alpha 2 ESTS singed (Drosophila)-like (sea urchin fa neurofilament, heavy polypeptide (200kD	AW379378 AI478667 AI863735 T53169 AI809278 AI467951 AA496425 D79998 R50032 AA972712 BE259035	Hs.31141 Hs.356289 Hs.118183 Hs.369982 Hs.9587 Hs.208152 Hs.133326 Hs.9629 Hs.4935 Hs.159263 Hs.269737	3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.7 3.7	240 4971 4303 8143 3396 7379 2977 7018 3416 7399 4248 8099 1061 5606 3629 7592 3134 3135 7149 3085 7106 3544 7516
	452239 439424 433430 439673 451691 417024 443617 435553 434868 441965 422565	protein tyrosine phosphatase, receptor hypothetical protein FLJ22833 ESTS Homo sapiens cDNA: FLJ22290 fis, clone ESTs ESTs papillary renal cell carcinoma (translo KIAA0176 protein collagen, type VI, alpha 2 ESTs singed (Drosophila)-like (sea urchin fa	AW379378 AI478667 AI863735 T53169 AI809278 AI467951 AA496425 D79998 R50032 AA972712 BE259035	Hs.31141 Hs.356289 Hs.118183 Hs.369982 Hs.9587 Hs.208152 Hs.133326 Hs.9629 Hs.4935 Hs.159263 Hs.269737 Hs.118400	3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.7 3.7	240 4971 4303 8143 3396 7379 2977 7018 3416 7399 4248 8099 1061 5606 3629 7592 3134 3135 7149 3085 7106 3544 7516 1701 6086
80	452239 439424 433430 439673 451691 417024 443617 435553 434868 441965 422565 429290	protein tyrosine phosphatase, receptor hypothetical protein FLJ22833 ESTs Homo sapiens cDNA: FLJ22290 fis, clone ESTs ESTs papillary renal cell carcinoma (translo KIAA0176 protein collagen, type VI, alpha 2 ESTs singed (Drosophila)-like (sea urchin fa neurofilament, heavy polypeptide (200kD pyrroline-5-carboxylate reductase 1 hypothetical protein MGC4485	AW379378 AI478667 AI863735 T53169 AI809278 AI467951 AA496425 D79998 R50032 AA972712 BE259035 AF203032 BE019494 AW674093	Hs.31141 Hs.356289 Hs.118183 Hs.369982 Hs.9587 Hs.208152 Hs.9629 Hs.4935 Hs.159263 Hs.269737 Hs.118400 Hs.198760 Hs.79217 Hs.334822	3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.7 3.7 3.7 3.7 3.7	240 4971 4303 8143 3396 7379 2977 7018 3416 7399 4248 8099 1061 5606 3629 7592 3134 3135 7149 3085 7106 3544 7516 1701 6086 2538 2539 6692
	452239 439424 433430 439673 451691 417024 443617 435553 434868 441965 422565 429290 416322	protein tyrosine phosphatase, receptor hypothetical protein FLJ22833 ESTs Homo sapiens cDNA: FLJ22290 fis, clone ESTs ESTs papillary renal cell carcinoma (translo KIAA0176 protein collagen, type VI, alpha 2 ESTs singed (Drosophila)-like (sea urchin fa neurofilament, heavy polypeptide (200kD pyrroline-5-carboxylate reductase 1	AW379378 AI478667 AI863735 T53169 AI809278 AI467951 AA496425 D79998 R50032 AA972712 BE259035 AF203032 BE019494 AW674093	Hs.31141 Hs.356289 Hs.118183 Hs.369982 Hs.9587 Hs.208152 Hs.9629 Hs.4935 Hs.159263 Hs.269737 Hs.118400 Hs.198760 Hs.79217 Hs.334822	3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.7 3.7 3.7 3.7 3.7	240 4971 4303 8143 3396 7379 2977 7018 3416 7399 4248 8099 1061 5606 3629 7592 3134 3135 7149 3085 7106 3544 7516 1701 6086 2538 2539 6692 989 5554
80	452239 439424 433430 439673 451691 417024 443617 435553 434868 441965 422565 429290 416322 432842	protein tyrosine phosphatase, receptor hypothetical protein FLJ22833 ESTs Homo sapiens cDNA: FLJ22290 fis, clone ESTs ESTs papillary renal cell carcinoma (translo KIAA0176 protein collagen, type VI, alpha 2 ESTs singed (Drosophila)-like (sea urchin fa neurofilament, heavy polypeptide (200kD pyrroline-5-carboxylate reductase 1 hypothetical protein MGC4485	AW379378 AI478667 AI863735 T53169 AI809278 AI467951 AA496425 D79998 R50032 AA972712 BE259035 AF203032 BE019494 AW674093	Hs.31141 Hs.356289 Hs.118183 Hs.369982 Hs.9587 Hs.208152 Hs.9629 Hs.4935 Hs.159263 Hs.269737 Hs.118400 Hs.198760 Hs.79217 Hs.334822	3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.7 3.7 3.7 3.7 3.7	240 4971 4303 8143 3396 7379 2977 7018 3416 7399 4248 8099 1061 5606 3629 7592 3134 3135 7149 3085 7106 3544 7516 1701 6086 2538 2539 6692 989 5554 2911 6966

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55
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                              Gene cluster number
          Accession:
                              Genbank accession numbers
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                                   BE937231 BI712437 AW612538 BI712664 BI712740 BI712501
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          TABLE 3C:
          Pkey:
                             Unique number corresponding to an Eos probeset
          Ref:
                             Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. *Dunham I. et al.* refers to the publication entitled
70
                                    "The DNA
                             sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.
                             Indicates DNA strand from which exons were predicted.
          Strand:
          Nt_position:
                             Indicates nucleotide positions of predicted exons.
75
                                       Strand
          Pkev
                       Ref
                                                          Nt position
          405001
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                                       Minus
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	400653 401284	8117978 9800819		09077-109307 01307-101421			
5	TABLE 4A						
10	Pkey: Gene name: Accession: UniGene:	Unigene gene ti	sion number, Genbank		oer .		
	RATIO: SEQ ID#:	w	5th percentile of liposarc as subtracted from both I protein sequences prov	the numerator a	and denominat	or	rmal tissue Als, where the 10th percentile of normal tissue Als
15	<del></del>						
IJ	Pkey 413778	Gene Name	lunantida 2. rasulatani	Accession	UniGene	RATIO	SEQ ID#
	407245 426752	titin	lypeptide 2, regulatory	AA090235 X90568 X69490	Hs.75535 Hs.172004 Hs.172004	37.3 28.5 22.4	740 5356 132 133 4881 2266 2267 6482
••	425545	Homo sapiens,	clone MGC:12401, mRN		Hs.158295	21.0	2114 6379
20	412519	troponin T1, ske		AA196241	Hs.73980	19.9	598 5244
	400440	nebulin		X83957	Hs.83870	19.0	24 25 4627
	426300	delta-like homol	og (Drosophila)	U15979	Hs.169228	18.8	2196 2197 6437
	407013	gb:Human nebu	lin mRNA, partial cds	U35637	Hs.83870	18.3	94 95 4851
25	453857	Ras-induced ser	nescence 1 (RIS1)	AL080235	Hs.35861	18.1	4449 4450 8266
25	416931	adipose most at	oundant gene transcript	I D45371	Hs.80485	17.9	1047 1048 5597
	417070	titin		Z19077	Hs.172004	16.3	1070 5614
	406704		olypeptide 7, cardiac mu		Hs.929	14.6	55 56 4826
	417435		ase III, muscle specific	NM_005181		14.3	1121 1122 5655
20	420139	lipase, hormone	-sensitive	NM_005357		14.1	1419 1420 5881
30	421296	perilipin		NM_002666	Hs.1 03253	14.0	1525 1526 5961
	405001		ncer binding factor 1			13.2	4767
	428087	troponin C2, fas		AA100573	Hs.182421	13.0	2396 6582
	413385		role 2,3 dioxygenase	M34455	Hs.840	12.9	710 711 5331
35	422060 422640	troponin C, slow	ely similar to ALU5_HUM	M37984	Hs.325823	12.7	1633 6035
33	406964		ted novel secreted prote		Hs.118845	12.5 12.4	1718 1719 6099 87 88 4847
	419648		responsive SPOT14 (ra		Hs.91877	12.4	1366 5839
	427809	lipoprotein lipase		M26380	Hs.180878	12.2	2373 6562
	411393		din (COMPLEMENT FAC				531 5189
40	458079		imilar to RIKEN cDNA 2		Hs.381220	12.0	4566 8363
	418399	hypothetical pro		AF131781	Hs.84753	11.9	1232 1233 5738
	431830	small inducible of	cytokine subfamily A (C	Y16645	Hs.271387	11.8	2827 2828 6900
	429359	matrix metallopr	oteinase 14 (membrane	i W00482	Hs.2399	11.8	2551 6702
4.5	410621	titin		AA194329	Hs.172004	11.7	481 5149
45	425292		rich repeat (LRR) protei	NM_005824		11.6	2083 2084 6359
	453331	ESTs		AI240665	Hs.352537	11.6	4413 8236
	417389		growth-promoting facto		Hs.82045	11.6	1109 5647
	428182		imilar to GGC1_HUMAN				2403 6588
50	419222 416373	spermine syntha		AD001528	Hs.89718	11.2	1318 1319 5803
30	444381	hypothetical pro	imilar to S12658 cystein	BE387335	Hs.73680	11.0	996 5559 3607 7663
	431089		imilar to unknown proteir		Hs.283713 Hs.374629	10.9 10.9	3697 7652 2745 6838
	410407	carbonic anhydr		X66839	Hs.63287	10.9	460 461 5135
	411296	growth suppress		BE207307	Hs.10114	10.7	524 5183
55	427254	ESTs		AL121523	Hs.97774	10.6	2312 6516
	446619	secreted phosph	noprotein 1 (osteopontin,	AU076643	Hs.313	10.5	3861 7782
	422069	titin-cap (teletho		AJ010063	Hs.343603	10.4	1635 1636 6037
	418054	lysyl oxidase-like	e 2	NM_002318		10.4	1184 1185 5702
60	418986	ESTs		Al123555	Hs.293821	10.4	1288 5779
00	416378		omain 2 (stretch respon	AW044467	Hs.73708	10.3	997 5560
	413902 411789	Adlican	collagen type I receptor,	AU076743 AF245505	Hs.75613 Hs.72157	10.2 · 10.2	752 5366 663 564 6307
	414152	thrombospondin	4	NM_003248		10.2	553 554 5207 782 783 5391
	418478		it kinase inhibitor 2A (m	U38945	Hs.1174	10.1	1245 1246 5747
65	414219		e from chromosome 1q	W20010	Hs.75823	10.0	789 5397
	429185	ESTs	,	AW203961	Hs.104977	9.8	2528 6682
	403593	Target Exon				9.8	4725
	407102	glycerol-3-phosp	hate dehydrogenase 1 (	s AA007629	Hs.348601	9.7	109 4861
70	418391	troponin I, skelet	tal, slow	NM_003281	Hs.8 4673	9.6	1228 1229 5736
70	428769	ESTs		AW207175	Hs.106771	9.5	2470 6640
	407788		nding protein A2	BE514982	Hs.38991	9.5	161 4905
	449109		imilar to ALU7_HUMAN				4064 7948
	452620	ESTs	-hh-tt	AA436504	Hs.119286	9.4	4338 8172
75	425367 418390		phosphatase, receptor oulin domain protein (my	BE271188	Hs.155975 Hs.84665	9.4	2095 6366 1336 1337 5735
, 5	403088				F15.04000	9.4	1226 1227 5735
	426509		omo sapiens titin (TTN), i gene, rapidly induced	M31166	Hs.2050	9.3 9.2	4707 2243 2244 6468
	430476		ursor 1 (substance K, s	AA447465	Hs.2563	9.2	2243 2244 6468 2701 6807
	419833		yptophanyl-tRNA synthe		Hs.220697	9.1	1388 5856
80	410687	lysyl oxidase-like		U24389	Hs.65436	9.0	485 486 5153
	457869		alpha-1 (VI) collagen	AU077186	Hs.108885	8.9	4561 8359
	410361		g protein 1, interferon	BE391804	Hs.62661	8.9	456 5132
	443514	ESTs		BE464288	Hs.25475	8.9	3624 7588
0.5	443071		nponent 1, q subcompon	ent, AL080021		8.9	3598 7566
85	414386	haptoglobin		X00442	Hs.75990	8.8	810 811 5415
	450098	hypothetical prof	tein FLJ21080	W27249	Hs.8109	8.7	4134 8009

	409169	(clone PWHLC2-24) myosin light chain 2		Hs.50889	8.7	316 5029
	413011	biglycan	AW068115	Hs.821	8.6	669 5302
	420197	ESTs, Weakly similar to A57291 cytokine	AW139647	Hs.88134	8.5	1429 5889
	418678	cancer/testis antigen (NY-ESO-1)	NM_001327		8.5	1269 1270 5765
5		• ,	_			
)	450375	a disintegrin and metalloproteinase dom	AA009647	Hs.352537	8.5	4159 8028
	408202	DKFZP586L151 protein	AA227710	Hs.43658	8.4	202 4942
	411021	titin	F00055	Hs.172004	8.4	508 5169
	413278	interferon-stimulated protein, 15 kDa	BE563085	Hs.833	8.4	695 5322
	423739	ESTs		Hs.97600	8.4	
10			AA398155			1842 6190
10	438089	nuclear receptor subfamily 1, group I,	W05391	Hs.351546	8.4	3301 7294
	426429	myosin-binding protein C, slow-type	X73114	Hs.169849	8.4	2224 2225 6456
	424408	collagen, type V, alpha 1	AI754813	Hs.146428	8.3	1943 6260
	423778	flavin containing monooxygenase 2	Y09267	Hs.132821	8.3	1846 1847 6193
	407112					
15		ESTs, Weakly similar to ALU7_HUMAN A			8.3	111 4863
15	417370	tryptophanyl-tRNA synthetase	T28651	Hs.374466	8.2	1105 5643
	451099	interleukin 13 receptor, alpha 2	R52795	Hs.25954	8.1	4212 8071
	423024	ESTs, Moderately similar to ALU5_HUMA			8.1	1770 6136
	418026					
		fatty acid binding protein 4, adipocyte	BE379727	Hs.83213	8.0	1179 5698
20	434352	small muscle protein, X-linked	AF129505	Hs.86492	8.0	3047 3048 7075
20	447131	retinoic acid receptor responder (tazar	NM_004585	Hs.1 7466	8.0	3891 3892 7808
	452838	preferentially expressed antigen in mel	U65011	Hs.30743	7.9	4357 4358 8188
	427335	G antigen 7B	AA448542	Hs.278444	7.9	2317 6520
	431211	gap junction protein, beta 2, 26kD (con	M86849	Hs.323733	7.8	2762 2763 6850
0.5	444006	type I transmembrane protein Fn14	BE395085	Hs.334762	7.8	3668 7627
25	400499	C10001858:gij6679124 ref NP_032759.1	n		7.8	4628
	448498	ESTs	AA418276	Hs.375003	7.8	4007 7904
	447205	ESTs. Moderately similar to T17372 plas				
				Hs.11006	7.7	3900 7816
	412326	small inducible cytokine A3 (homologous		Hs.73817	7.7	582 5231
	427639	Homo sapiens, clone MGC:18257, mRNA	, co AW44453	0 Hs.350860	7.7	2353 6547
30	430413	small inducible cytokine A5 (RANTES)	AW842182	Hs.241392	7.7	2693 6801
	414821	Fc fragment of IgG, high affinity Ia, r	M63835	Hs.77424	7.6	876 877 5465
	409096	sarcomeric muscle protein	AA194412	Hs.50550	7.6	302 5019
	418728	ESTs	AW970937	Hs.293843	7.6	1271 5766
	442573	branched chain aminotransferase 1, cyto	H93366	Hs.7567	7.5	3570 7541
35	442069	membrane-bound transcription factor pro		Hs.297007	7.5	3548 7520
	437330	·				3253 7250
		Homo sapiens mRNA; cDNA DKFZp761J				
	420137	CD3D antigen, delta polypeptide (TiT3 c		Hs.95327	7.5	1418 5880
	428289	complement component 2	M26301	Hs.2253	7.5	2421 2422 6603
	435523	membrane-spanning 4-domains, subfamily	v T62849	Hs.11090	7.5	3131 7147
40	400288	integrin, alpha 5 (fibronectin receptor	X06256	Hs.149609	7.4	1 2 4614
	438746	Human melanoma-associated antigen p97		Hs.184727	7.3	3353 7337
	426310	neuropeptide Y receptor Y1	NM_000909	Hs.1 69266	7.3	2199 2200 6439
	429973	ESTs	AI423317	Hs.164680	7.3	2628 6756
	425088	hypothetical protein FLJ12015	AA663372	Hs.169395	7.3	2049 6334
45	444090				7.3	
72		natural killer cell group 7 sequence	S69115	Hs.10306		3675 3676 7634
	422633	enolase 3, (beta, muscle)	X56832	Hs.118804	7.3	1716 1717 6098
	449722	cyclin B1	BE280074	Hs.23960	7.2	4112 7990
	432606	granzyme K (serine protease, granzyme 3	NM 002104		7.2	2891 2892 6951
	438091	nuclear receptor subfamily 1, group I,	AW373062	Hs.351546	7.2	3302 7295
50						
50	419490	granzyme A (granzyme 1, cytotoxic T-lym			7.2	1343 1344 5823
	418156	nuclear receptor subfamily 1, group I,	W17056	Hs.83623	7.1	1198 5715
	424687	matrix metalloproteinase 9 (gelatinase	J05070	Hs.151738	7.1	1986 1987 6289
	417308	KIAA0101 gene product	H60720	Hs.81892	7.0	1094 5634
	423961	periostin (OSF-2os)	D13666		7.0	1878 1879 6215
55				Hs.136348		
55	410021	X-prolyl aminopeptidase (aminopeptidase	ALU23653	Hs.57922	7.0	409 5098
	401403	Target Exon			7.0	4651
	406673	major histocompatibility complex, class	M34996	Hs.198253	7.0	90 91 4821
	434449	hypothetical protein FLJ22041 similar t	AW953484	Hs.3849	7.0	3057 7083
	421508	absent in melanoma 2	NM_004833		7.0	1551 1552 5977
60	418460					
00		CD8 antigen, alpha polypeptide (p32)	M26315	Hs.85258	7.0	1243 1244 5746
	430678	ESTs	AI458174	Hs.192855	7.0	2718 6818
	445937	UDP-Gal:betaGlcNAc beta 1,4- galactosyl	AI452943	Hs.321231	7.0	3807 7737
	420202	putative lymphocyte G0/G1 switch gene	AL036557	Hs.95910	6.9	1430 5890
	456063	retinol-binding protein 4, interstitial	NM 006744		6.9	4511 4512 8317
65	429500	hexabrachion (tenascin C, cytotactin)	X78565	Hs.289114	6.8	2574 2575 6718
			AI267700			
	415989	ESTs		Hs.351201	6.8	962 5530
	425234	ESTs, Weakly similar to I38022 hypothet		Hs.165909	6.8	2070 6349
	452701	glutamine-fructose-6-phosphate transami	NM_005110	Hs.3 0332	6.8	4345 4346 8178
	424825	procollagen-lysine, 2-oxoglutarate 5-di	AF207069	Hs.153357	6.8	2005 2006 6302
70	440709	ESTs	AW797724	Hs.130350	6.8	3484 7460
, ,						
	424503	integrin, alpha 5 (fibronectin receptor	NM_002205		6.8	1965 1966 6275
	449523		NM_000579		6.8	4094 4095 7976
	412584	DNA segment on chromosome 12 (unique	) 2 X54870	Hs.74085	6.7	612 613 5255
	414812	monokine induced by gamma interferon	X72755	Hs.77367	6.7	874 875 5464
75	424086	lysyl oxidase	AI351010		6.7	1896 6227
	410274	hypoxia-inducible protein 2	AA381807		6.7	444 5122
	403081	NM_003319*:Homo sapiens titin (TTN), m			6.7	4704
	437220	GS1999full	AL117542	Hs.334305	6.7	3247 7244
	442553	hypothetical protein MGC4825	H87867		6.7	3568 7539
80	451934	ESTs	AI540842		6.7	4262 8109
50						
	418062	thioredoxin peroxidase (antioxidant enz	AW630656		6.7	1187 5704
	422627	transforming growth factor, beta-induce	BE336857	Hs.118787	6.7	1715 6097
	420981	peroxisome proliferative activated rece	L40904		6.7	1495 1496 5936
	432522	phosphatidylinositol glycan, class A (p	D11466		6.6	2880 2881 6942
85	439285	hypothetical protein FLJ20093				
55			AL133916		6.6	3389 7372
	444329	hypothetical protein FLJ12921	W73753	Hs.209637	6.6	3693 7648

	442173	KIAA0144 gene product	N76101	Hs.8127	6.6	3552 7524
	407366	gb:Homo sapiens cig33 mRNA, partial se		Hs.17518	6.6	137 4885
	427337	Fc fragment of IgG, low affinity IIIb,	Z46223	Hs.176663	6.6	2318 2319 6521
_	424420	prostaglandin E synthase	BE614743	Hs.146688	6.5	1949 6264
5	419741	ubiquitin carrier protein E2-C	NM_007019	Hs .93002	6.5	1379 1380 5850
	439092	gb:oc44f08.s1 NCI_CGAP_GCB1 Homo s	sapien AA830	149	6.5	3376 7359
	422530	bone marrow stromal cell antigen 2	AW972300	Hs.118110	6.5	1696 6082
	439237	ESTs, Weakly similar to A47582 B-cell g	AW408158	Hs.318893	6.5	3384 7367
	445263	KIAA1560 protein	H57646	Hs.42586	6.4	3755 7697
10	450447	hypothetical protein P15-2	AF212223	Hs.25010	6.4	4168 4169 8036
	428976	ras homolog gene family, member I	AL037824	Hs.194695	6.4	2495 6658
	406625	stearoyl-CoA desaturase (delta-9-desatu		Hs.119597	6.4	28 29 4811
	446523	sarcolipin				3852 3853 7774
			NM_003063	HS.3 34029	6.4	
15	401566	NM_005159:Homo sapiens actin, alpha, o		11- 40545	6.4	4654
13	447770	frizzled (Drosophila) homolog 4	AB032417	Hs.19545	6.4	3961 3962 7864
	429294	Homo sapiens cDNA: FLJ22463 fis, clone		Hs.198793	6.4	2540 6693
	447733	MAD2 (mitotic arrest deficient, yeast,	AF157482	Hs.19400	6.4	3955 3956 7860
	437206	ESTs, Weakly similar to I38344 titin, c	AW975934	Hs.172004	6.4	3245 7242
20	425397	topoisomerase (DNA) II alpha (170kD)	J04088	Hs.156346	6.4	2099 2100 6369
20	406922	gb:stearoyl-CoA desaturase [human, adip	S70284	Hs.119597	6.3	79 80 4843
	406837	immunoglobulin kappa constant	R70292	Hs.156110	6.3	69 4836
	409142	SMC4 (structural maintenance of chromos		Hs.50758	6.3	312 313 5027
	410270	tumor endothelial marker 1 precursor	AF279142	Hs.195727	6.3	442 443 5121
	450787	aquaporin 7	AB006190	Hs.25475	6.3	4194 4195 8057
25	407061	gb:H.sapiens PTX3 gene promotor region		110.20170	6.3	102 4856
	429626	holocytochrome c synthase (cytochrome c		Hs.211571	6.3	2593 2594 6730
	439424	hypothetical protein FLJ22833	AI478667	Hs.118183	6.3	3396 7379
	418113	SRY (sex determining region Y)-box 4	AI272141	Hs.83484	6.3	1194 5711
30	418607	KIAA1402 protein	AL137426	Hs.86392	6.2	1260 5759
30	414053	transgelin 2	BE391635	Hs.75725	6.2	774 5383
	426991	Homo sapiens cDNA FLJ10674 fis, clone			6.2	2294 6502
	439755	B7 homolog 3	AW748482	Hs.77873	6.2	3430 7413
	447519	ESTs '	U46258	Hs.339665	6.2	3936 7844
	430699	ESTs, Weakly similar to RET2_HUMAN R	RETI AW96984	7 Hs.292718	6.2	2723 6822
35	426798	ESTs	AA385062	Hs.130260	6.2	2275 6487
	419913	ESTs	AW270040	Hs.34455	6.2	1395 5862
	414002	FBJ murine osteosarcoma viral oncogene			6.2	763 764 5375
	424688	myosin, light polypeptide 3, alkali; ve	AA216287	Hs.1815	6.2	1988 6290
40	452862	ADAMTS2 (a disintegrin-like and metall	AW378065	Hs.8687	6.1	4360 8190
40	423575	intron of periostin (OSF-2os)	C18863	Hs.163443	6.1	1820 6173
	424078	paternally expressed 3	AB006625	Hs.139033	6.1	1893 1894 6225
	423858	Homo sapiens mRNA; cDNA DKFZp434B	80650 ( AL137	326 Hs.13348	3 6.1	1858 6201
	416349	myomesin (M-protein) 2 (165kD)	X69089	Hs.79227	6.1	991 992 5556
	413436	sphingosine kinase 1	AF238083	Hs.68061	6.1	721 722 5339
45	449698	ESTs	AA279913	Hs.31922	6.1	4107 7987
	411358	KIAA1691 protein	R47479	Hs.94761	6.1	527 5186
	436496	glia maturation factor, gamma	AA281959	Hs.5210	6.1	3195 7199
	443426	chromosome 20 open reading frame 1	AF098158	Hs.9329	6.1	3621 3622 7586
	431204	cytochrome c oxidase subunit VIa potype		Hs.250760	6.1	2760 6848
50	421512	myomegalin	AB007923	Hs.265848	6.1	1554 1555 5979
50	432239	matrix metalloproteinase 13 (collagenas	X81334	Hs.2936	6.1	2856 2857 6921
	419846					
		Williams-Beuren syndrome chromosome			6.1	1389 5857
	429490	ESTs, Weakly similar to ALU7_HUMAN A			6.1	2571 6715
55	426312	interferon-induced protein with tetratr	AF026939	Hs.181874	6.1	2201 2202 6440
55	410223	calsequestrin 1 (fast-twitch, skeletal	S73775	Hs.60708	6.1	433 434 5115
	430681	ESTs	AW969675	Hs.291232	6.0	2719 6819
	426691	PCTAIRE protein kinase 1	NM_006201		6.0	2262 2263 6480
	416047	DNA segment, numerous copies, express	ed BE439894	Hs.78991	6.0	965 5533
60	406664	glycerol-3-phosphate dehydrogenase 1 (s		Hs.348601	6.0	83 84 4819
60	452363	Homo sapiens, Similar to complement cor	n Al582743	Hs.94953	6.0	4322 8159
	403087	NM_003319*: Homo sapiens titin (TTN), m			6.0	4706
	417079	interleukin 1 receptor antagonist	U65590	Hs.81134	6.0	1073 1074 5616
	451533	serum deprivation response (phosphatidy			6.0	4239 4240 8092
	419138	ryanodine receptor 1 (skeletal)	U48508	Hs.89631	6.0	1309 1310 5796
65	413773	ESTs	AA131780	Hs.269925	6.0	739 5355
	427596	extracellular glycoprotein EMILIN-2 pre	AA449506	Hs.270143	6.0	2350 6544
	427019	hypothetical protein FLJ10970			6.0	
			AA001732	Hs.173233		2296 6504
	438885	ESTs	AI886558	Hs.184987	6.0	3363 7346
70	450300	ESTs, Highly similar to ITH4_HUMAN INT		Hs.58210	5.9	4154 8024
70	413670	hypothetical protein, expressed in oste	AB000115	Hs.75470	5.9	735 736 5352
	414315	gb:HSB65D052 STRATAGENE Human sk	keletal Z2487	3	5.9	803 5409
	423903	interleukin 11	M57765	Hs.1721	5.9	1865 1866 6206
	422100	ADP-ribosylation factor-like 7	A1096988	Hs.111554	5.9	1644 6042
	449579	ESTs, Weakly similar to T46425 hypothet		Hs.134014	5.9	4097 7978
75	421566	early growth response 2 (Krox-20 (Droso			5.9	1563 1564 5984
-	412577	CD163 antigen	Z22968	Hs.74076	5.9	608 609 5252
	402507	Target Exon		1.3.1 7010	5.8	
			A A A D 1 2 D F	He 22020		4683
	411102	triadin	AA401295	Hs.23926	5.8	515 5175
80	412965	procollagen-lysine, 2-oxoglutarate 5-di	L06419	Hs.75093	5.8	659 660 5294
80	406836	immunoglobulin kappa constant	AW514501	Hs.156110	5.8	68 4835
	449717	cerebral cell adhesion molecule	AB040935	Hs.23954	5.8	4110 4111 7989
	431205	tropomodulin 4 (muscle)	AA194560	Hs.250763	5.8	2761 6849
	409103	XAGE-1 protein	AF251237	Hs.112208	5.8	304 305 5021
	409731	thymosin, beta, identified in neuroblas	AA125985	Hs.56145	5.8	386 5080
85	412471	endothelial cell growth factor 1 (plate	M63193	Hs.73946	5.8	591 592 5239
	427792	tumor necrosis factor receptor superfam	M63928	Hs.180841	5.8	2371 2372 6561
		carract recorded records recorded auportains		3. 100041	U.U	2011 2012 0001

	419301	tenomodulin protein	AA236166	Hs.132957	5.8	1328 5811
	424440	ESTs	AA340743	Hs.133208	5.8	1951 6266
	431806	tumor necrosis factor (ligand) superfam	AF186114	Hs.270737	5.8	2824 2825 6898
	409028	Z-band alternatively spliced PDZ-motif	AB014513	Hs.49998	5.8	296 297 5015
5						
,	415702	gb:HSPD18414 HM3 Homo sapiens cDN/		Hs.73680	5.8	942 5515
	406925	glycerol-3-phosphate dehydrogenase 1 (s	L34041	Hs.348601	5.8	83 84 4845
	409882	heat shock 27kD protein family, member	AJ243191	Hs.56874	5.7	395 396 5087
	412129	troponin T3, skeletal, fast	M21984	Hs.73454	5.7	571 572 5222
	443595	PPAR(gamma) angiopoietin related protei		Hs.9613	5.7	3626 3627 7590
10						
10	418299	integrin, beta 2 (antigen CD18 (p95), I	AA279530	Hs.83968	5.7	1212 5725
	434474	holocytochrome c synthase (cytochrome c	: AL042936	Hs.211571	5.7	3058 7084
	416783	monocyte to macrophage differentiation-	AA206186	Hs.79889	5.7	1031 5584
	423057	ESTs, Moderately similar to I38022 hypo		Hs.130816	5.7	1773 6139
	447165				5.7	3895 7811
15		Homo sapiens, Similar to RIKEN cDNA 17		Hs.75668		
13	415192	aldo-keto reductase family 1, member C3		Hs.78183	5.7	917 918 5494
	425003	apurinic/apyrimidinic endonuclease(APEX	AF119046	Hs.154149	5.7	2038 2039 6326
	436326	aldo-keto reductase family 1, member B1	BE085236	Hs.42636	5.7	3183 7188
	443623	complement component 1, q subcompone			5.7	3631 7594
20	422667	ESTs	H25642	Hs.132821	5.7	1723 6102
20	436608	down syndrome critical region protein D	AA628980	Hs.192371	5.7	3205 7207
	430838	hypothetical protein FLJ12015	N46664	Hs.169395	5.7	2733 6829
	410011	PFTAIRE protein kinase 1	AB020641	Hs.57856	5.6	406 407 5096
	409253	CD5 antigen-like (scavenger receptor cy	H91200	Hs.52002	5.6	332 5041
25	456534	phospholipase C, beta 3, neighbor pseud	X91195	Hs.100623	5.6	4522 8326
25	414531	allograft inflammatory factor 1	T69387	Hs.76364	5.6	829 5430
	437442	ESTs, Moderately similar to similar to	T85104	Hs.222779	5.6	3263 7258
	419745	slug (chicken homolog), zinc finger pro	AF042001	Hs.93005	5.6	1381 1382 5851
	431671	polymerase (DNA directed), alpha	NM_016937		5.6	2807 2808 6884
20	447232	interleukin 10 receptor, alpha	AW499834	Hs.327	5.6	3905 7820
30	438707	amino acid system N transporter 2; porc	L08239	Hs.5326	5.6	3350 3351 7335
	436856	ESTs	AI469355	Hs.127310	5.6	3220 7221
		ESTs, Weakly similar to AA64_HUMAN 64				
	451681			Hs.255950	5.6	4245 8097
	444666	long-chain fatty acid coenzyme A ligase	BE293347	Hs.11638	5.6	3712 7664
	453454	PRP4/STK/WD splicing factor	AW052006	Hs.374973	5.6	4421 8243
35	417678	2',5'-oligoadenylate synthetase 1 (40-4	X06560	Hs.82396	5.6	1145 1146 5671
	456508	ESTs, Weakly similar to AF208855 1 BM-		Hs.123469	5.6	
						4521 8325
	450785	Homo sapiens, alpha-1 (VI) collagen	AA852713	Hs.108885	5.6	4193 8056
	422526	ESTs	AA311763	Hs.131056	5.6 .	1695 6081
	409041	Hypothetical protein, XP_051860 (KIAA11	AB033025	Hs.50081	5.6	299 300 5017
40	411127	hypothetical protein	AA668995	Hs.323463	5.6	516 5176
••						
	430044	ESTs	AA464510	Hs.152812	5.5	2642 6765
	408122	hypothetical protein FLJ10718	AI432652	Hs.42824	5.5	193 4935
	421779	wingless-type MMTV integration site fam	AI879159	Hs.108219	5.5	1592 6004
	422726	faciogenital dysplasia (Aarskog-Scott s	U11690	Hs.1572	5.5	1727 1728 6106
45	427378					
43		melanoma antigen, family D, 1	BE515037	Hs.177556	5.5	2322 6523
	414561	Homo sapiens amino acid transport syste		Hs.195155	5.5	831 5432
	422173	phorbolin-like protein MDS019 (CEM15)	BE385828	Hs.250619	5.5	1656 6052
	421369	U2 small nuclear ribonucleoprotein auxi	NM_005089	Hs.1 71909	5.5	1533 1534 5966
	412170	very low density lipoprotein receptor	D16532	Hs.73729	5.5	575 576 5225
50						
50	406722	Homo sapiens SNC73 protein (SNC73) m		Hs.293441	5.5	64 4831
	409361	sine oculis homeobox (Drosophila) homol	NM_005982	HS.5 4416	5.5	344 345 5049
	403071	NM_003319*:Homo sapiens titin (TTN), m	Ŕ		5.5	4702
	420005	ESTs	AW271106	Hs.133294	5.5	1407 5871
	448988	gamma-aminobutyric acid (GABA) A recei		Hs.22785	5.5	4055 4056 7940
55	418059	gb:zn56d05.s1 Stratagene muscle 937209		110.22100	5.5	
55						1186 5703
	444783	anillin (Drosophila Scraps homolog), ac	AK001468	Hs.62180	5.5	3722 3723 7672
	422106	Fc fragment of IgG binding protein	D84239	Hs.111732	5.5	1646 1647 6044
	433570	ESTs, Weakly similar to \$55916 ribosoma	AI580053	Hs.109007	5.5	2988 7027
	426304	Homo sapiens cDNA FLJ11477 fis, clone		Hs.124673	5.5	2198 6438
60	406387	Target Exon			5.5	4805
55			A A 02 E 020	Un 104070		
	429142	ESTs	AA835639	Hs.104972	5.5	2518 6676
	453905	LIM domain kinase 1	NM_002314	ms.3 0000	5.5	4462 4463 8276
	403362	NM_001615*:Homo sapiens actin, gamma	12,		5.5	4715
	427557	plasminogen activator, urokinase recept	NM_002659	Hs.1 79657	5.4	2343 2344 6539
65	430478	apolipoprotein L, 3	NM_014349		5.4	2702 2703 6808
	438915	Williams-Beuren syndrome chromosome r			5.4	3365 7348
	418203	CDC28 protein kinase 2	X54942	Hs.83758	5.4	1202 1203 5719
	452046	KIAA0802 protein	AB018345	Hs.27657	5.4	4275 4276 8120
<b>~</b> ^	418532	neurotrophic tyrosine kinase, receptor,	F00797	Hs.374321	5.4	1252 5753
70	414555	phospholipase A2, group IIA (platelets,	N98569	Hs.76422	5.4	830 5431
	417336	disabled (Drosophila) homolog 2 (mitoge	R70429	Hs.81988	5.4	1097 5637
		FGENESH predicted 11 TM protein				
	427923		AW274357	Hs.301406	5.4	2385 6572
	428450	KIAA0175 gene product		Hs.1 84339	5.4	2443 2444 6621
~ ~	420168	serine carboxypeptidase vitellogenic-li	AF217508	Hs.95594	5.4	1424 1425 5885
75	429134	ESTs	AA446953	Hs.99004	5.4	2514 6673
	431620	2'-5'-oligoadenylate synthetase 2 (69-7	AA126109	Hs.264981	5.3	2802 6880
	430233	Homo sapiens mRNA; cDNA DKFZp564N				2664 6781
	456181	ras inhibitor	L36463	Hs.1030	5.3	4516 4517 8321
0.0	422567	glypican 6	AF111178	Hs.118407	5.3	1702 1703 6087
80	406703	myosin, heavy polypeptide 3, skeletal m	X13100	Hs.173084	5.3	53 54 4825
	443907	TYRO protein tyrosine kinase binding pr	AU076484	Hs.9963	5.3	3656 7617
	427239	ubiquitin carrier protein	BE270447	Hs.356512	5.3	2311 6515
	448569	signal transducer and activator of tran	BE382657	Hs.21486	5.3	4014 7909
0.5	458916	ESTs	N58327	Hs.302755	5.3	4583 8380
V 4		sellense Auss VIII state 4		Hs.108885	5.3	1602 1603 6013
85	421848	collagen, type VI, alpha 1	VIOODO			
03	421848 406868	immunoglobulin heavy constant gamma 3	X15880 ( AA505445	Hs.300697	5.3	72 4839

	446500	sushi-repeat-containing protein, X chro	U78093	Hs.15154	5.3	3842 3843 7767
	406663	immunoglobulin heavy constant mu	U24683		5.3	39 40 4818
	422048	spondin 2, extracellular matrix protein	NM_012445	Hs 2 88126	5.3	1631 1632 6034
	435750	KIAA1089 protein	AB029012	Hs.4990	5.3	3149 3150 7160
5						
)	414459	CCAAT/enhancer binding protein (C/EBP)		Hs.76171	5.3	818 819 5422
	443672	butyrobetaine (gamma), 2-oxoglutarate d	AA323362	Hs.9667	5.3	3634 7597
	409512	melanoma differentiation associated pro	AW979187	Hs.293591	5.3	354 5057
	433138	semaphorin sem2	AB029496	Hs.59729	5.3	2944 2945 6994
	435854	putative ankyrin-repeat containing prot	AJ278120	Hs.4996	5.2	3157 3158 7166
10						
10	422491	neuronatin	AA338548	Hs.117546	5.2	1691 6077
	445084	hypothetical protein FLJ14761	H38914	Hs.250848	5.2	3742 7687
	433365	ESTs	AF026944	Hs.293797	5.2	2973 7014
	417900	CDC20 (cell division cycle 20, S. cerev	BE250127	Hs.82906	5.2	1165 5688
	421064		AI245432	Hs.101382	5.2	
15		tumor necrosis factor, alpha-induced pr				1503 5942
13	416406	lipoma HMGIC fusion partner-like 2	D86961	Hs.79299	5.2	1001 1002 5564
	433135	dolichyl-phosphate mannosyltransferase	AA443873	Hs.110477	5.2	2943 6993
	401961	NM_021626:Homo sapiens serine carbox	vne		5.2	4669
	433001	clone HQ0310 PRO0310p1	AF217513	Hs.279905	5.2	2923 2924 6977
20	424090	XIAP associated factor-1	X99699	Hs.139262	5.2	1897 1898 6228
20	436252	Homo sapiens cDNA FLJ11562 fis, clone	H AI539519	Hs.142827	5.2	3179 7184
	443898	Sec61 gamma	AW804296	Hs.9950	5.2	3655 7616
	445584	PTD012 protein	AF217518	Hs.8360	5.2	3786 3787 7719
	421778			Hs.283072		
		actin related protein 2/3 complex, subu	AA428000		5.2	1591 6003
25	422481	DNAX-activation protein 10	AL050163	Hs.117339	5.2	1687 1688 6075
25	442619	ESTs, Weakly similar to AF164793 1 prot	AA447492	Hs.20183	5.2	3575 7545
	419405	ESTs	AI377043	Hs.42189	5.2	1333 5816
	445107	ESTs, Weakly similar to I38022 hypothet		Hs.147313	5.2	3744 7689
	434096	pleiomorphic adenoma gene-like 1	AW662958	Hs.75825	5.2	3029 7062
20	416982	creatine kinase, mitochondrial 2 (sarco	J05401	Hs.80691	5.2	1055 1056 5602
30	439926	ESTs	AW014875	Hs.137007	5.2	3440 7422
	435680	Homo sapiens galectin-related inhibitor	H50946	Hs.284183	5.2	3145 7157
	421155	lysyl oxidase	H87879	Hs.102267	5.2	1512 5950
	457211	ESTs, Weakly similar to S51797 vasodila		Hs.32399	5.2	4543 8344
2.5	412473	ESTs	F23393	Hs.153060	5.2	594 5241
35	438086	nuclear receptor subfamily 1, group I,	AA336519	Hs.83623	5.2	3300 7293
	431103	pleiotrophin (heparin binding growth fa	M57399	Hs.44	5.2	2748 2749 6840
	413350	t-complex-associated-testis-expressed 1	U02556	Hs.75307	5.2	704 705 5328
	450506	fibroblast activation protein, alpha	NM_004460		5.2	4170 4171 8037
40	449118	Bet1 (S. cerevisiae) homolog	R67477	Hs.23103	5.2	4065 7949
40	418072	Human DNA sequence from clone RP3-39	53C1 F35210	Hs.86507	5.2	1190 5707
	428227	small inducible cytokine subfamily B (C	AA321649	Hs.2248	5.1	2410 6593
	434868	collagen, type VI, alpha 2	R50032	Hs.159263	5.1	3085 7106
	424982	phosphorylase, glycogen; muscle (McArdl		Hs.351580	5.1	2036 2037 6325
4.5	443883	serine (or cysteine) proteinase inhibit	AA114212	Hs.9930	5.1	3653 7614
45	427527	immunoglobulin heavy constant mu	AI809057	Hs.153261	5.1	2340 6536
	414695	proteasome (prosome, macropain) subuni		Hs.76913	5.1	850 5446
	441783					
		Homo sapiens clone 25012 mRNA sequel			5.1	3537 7509
	436748	collagen, type VI, alpha 2	BE159107	Hs.159263	5.1	3212 7213
	444186	ESTs	AI127666	Hs.146447	5.1	3685 7642
50		Unma coniona plana IMACE, 4054456 m	RNA AW9550	65 Hs 101150	5.1	4280 8123
	452056	momo sabiens, cione image:4034 i 36, m			5.1	
	452056 429997	Homo sapiens, clone IMAGE:4054156, m. apolipoprotein B mRNA editing enzyme c				2636 2637 6761
	429997	apolipoprotein B mRNA editing enzyme, c	NM_006789	Hs.2 27457		2636 2637 6761
	429997 433048	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALU8_HUMAN A	NM_006789 LU R91007	Hs.2 27457 Hs.194116	5.1	2932 6984
	429997 433048 410889	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALU8_HUMAN A twist (Drosophila) homolog (acrocephalo	NM_006789 LU R91007 X91662	Hs.2 27457 Hs.194116 Hs.66744	5.1 5.1	2932 6984 501 502 5164
5.5	429997 433048	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALU8_HUMAN A	NM_006789 LU R91007 X91662	Hs.2 27457 Hs.194116 Hs.66744	5.1	2932 6984
55	429997 433048 410889	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALU8_HUMAN A twist (Drosophila) homolog (acrocephalo	NM_006789 LU R91007 X91662	Hs.2 27457 Hs.194116 Hs.66744	5.1 5.1	2932 6984 501 502 5164
55	429997 433048 410889 414020	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALU8_HUMAN A twist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous	NM_006789 LU R91007 X91662 NM_002984	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958	5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852
55	429997 433048 410889 414020 431241 421458	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALUB_HUMAN A twist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958 Hs.1 04576	5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972
55	429997 433048 410889 414020 431241 421458 416586	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALU8_HUMAN A twist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su secreted modular calcium-binding protei	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654 D44643	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958 Hs.1 04576 Hs.14144	5.1 5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972 1016 5574
55	429997 433048 410889 414020 431241 421458 416586 412006	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALUB_HUMAN A wist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su secreted modular calcium-binding protei ESTs	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654 D44643 AW451618	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958 Hs.1 04576 Hs.14144 Hs.380683	5.1 5.1 5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972 1016 5574 565 5217
	429997 433048 410889 414020 431241 421458 416586 412006 418452	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALU8_HUMAN A twist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su secreted modular calcium-binding protei	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654 D44643 AW451618	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958 Hs.1 04576 Hs.14144	5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972 1016 5574
55 60	429997 433048 410889 414020 431241 421458 416586 412006 418452 430252	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALUB_HUMAN A wist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su secreted modular calcium-binding protei ESTs	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654 D44643 AW451618	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958 Hs.1 04576 Hs.14144 Hs.380683	5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972 1016 5574 565 5217
	429997 433048 410889 414020 431241 421458 416586 412006 418452	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALUB_HUMAN A wist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su secreted modular calcium-binding protei ESTs C-type (calcium dependent, carbohydrate	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654 D44643 AW451618 BE379749	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958 Hs.1 04576 Hs.14144 Hs.380683 Hs.85201	5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972 1016 5574 565 5217 1241 5744 2668 6784
	429997 433048 410889 414020 431241 421458 416586 412006 418452 430252 415672	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALUB_HUMAN A twist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su secreted modular calcium-binding protei ESTs C-type (calcium dependent, carbohydrate testes development-related NYD-SP20 ESTs	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654 D44643 AW451618 BE379749 AI638774 N53097	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958 Hs.104576 Hs.14144 Hs.380683 Hs.85201 Hs.105328 Hs.193579	5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972 1016 5574 565 5217 1241 5744 2668 6784 937 5511
	429997 433048 410889 414020 431241 421458 416586 412006 418452 430252 415672 429415	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALUB_HUMAN A wist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su secreted modular calcium-binding protei ESTs C-type (calcium dependent, carbohydrate testes development-related NYD-SP20 ESTs procollagen C-endopeptidase enhancer	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654 D44643 AW451618 BE379749 AI638774 N53097 NM_002593	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958 Hs.1 04576 Hs.14144 Hs.380683 Hs.85201 Hs.105328 Hs.193579 Hs.2 02097	5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972 1016 5574 565 5217 1241 5744 937 5511 2557 2558 6706
	429997 433048 410889 414020 431241 421458 416586 418452 430252 415672 429415 443780	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALUB_HUMAN A wist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su secreted modular calcium-binding protei ESTs C-type (calcium dependent, carbohydrate testes development-related NYD-SP20 ESTs procollagen C-endopeptidase enhancer activating transcription factor 5	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654 D44643 AW451618 BE379749 AI638774 NS3097 NM_002593 NM_012068	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958 Hs.1 04576 Hs.14144 Hs.380683 Hs.85201 Hs.105328 Hs.193579 Hs.2 02097 Hs.9 754	5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972 1016 5574 565 5217 1241 5744 2668 6784 937 5511 2557 2558 6706 3643 3644 7606
60	429997 433048 410889 414020 431241 421458 416586 412006 418452 430252 415672 429415 443780 418322	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALUB_HUMAN A twist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su secreted modular calcium-binding protei ESTs C-type (calcium dependent, carbohydrate testes development-related NYD-SP20 ESTs procollagen C-endopeptidase enhancer activating transcription factor 5 cyclin-dependent kinase inhibitor 3 (CD	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654 D44643 AW451618 BE379749 AI638774 NS3097 NM_002593 NM_012068 AA284166	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958 Hs.1 04576 Hs.14144 Hs.380683 Hs.85201 Hs.105328 Hs.193579 Hs.2 02097 Hs.9 754 Hs.84113	5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972 1016 5574 565 5217 1241 5744 2668 6784 937 5511 2557 2558 6706 3643 3644 7606 1214 5727
	429997 433048 410889 414020 431241 421458 416586 412006 418452 430252 415672 429415 443780 418322 416433	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALUB_HUMAN A wist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su secreted modular calcium-binding protei ESTs C-type (calcium dependent, carbohydrate testes development-related NYD-SP20 ESTs procollagen C-endopeptidase enhancer activating transcription factor 5 cyclin-dependent kinase inhibitor 3 (CD ESTs	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654 D44643 AW451618 BE379749 AI638774 NS3097 NM_002593 NM_012068	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958 Hs.1 04576 Hs.14144 Hs.380683 Hs.85201 Hs.105328 Hs.193579 Hs.2 02097 Hs.9 754	5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972 1016 5574 565 5217 1241 5744 2668 6784 937 5511 2557 2558 6706 3643 3644 7606
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60	429997 433048 410889 414020 431241 421458 416586 412006 418452 430252 415672 429415 443780 418322 416433 448694	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALUB_HUMAN A wist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su secreted modular calcium-binding protei ESTs C-type (calcium dependent, carbohydrate testes development-related NYD-SP20 ESTs procollagen C-endopeptidase enhancer activating transcription factor 5 cyclin-dependent kinase inhibitor 3 (CD ESTs E3 ubiquitin ligase SMURF2	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654 D44643 AW451618 BE379749 Al638774 N53097 NM_002593 NM_012068 AA284166 AA284166 AA284766	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958 Hs.1 04576 Hs.14144 Hs.380683 Hs.85201 Hs.105328 Hs.193579 Hs.2 02097 Hs.9 754 Hs.84113 Hs.84673 Hs.84673 Hs.194477	5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972 1016 5574 565 5217 1241 5744 2668 6784 937 5511 2557 2558 6706 3643 3644 7606 1214 5727 1004 5566 4027 7919
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<ul><li>60</li><li>65</li><li>70</li><li>75</li></ul>	429997 433048 410889 414020 431241 421458 416586 412006 418452 430252 415672 429415 443780 418322 416433 448694 407172 433446 446157 447343 427051 440087 425825 425843 426968 441020 411894 436222 416431 445417 424291 413186 410600	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALUB_HUMAN A wist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su secreted modular calcium-binding protei ESTs C-type (calcium dependent, carbohydrate testes development-related NYD-SP20 ESTs procollagen C-endopeptidase enhancer activating transcription factor 5 cyclin-dependent kinase inhibitor 3 (CD ESTs B3 ubiquitin ligase SMURF2 gb:ya92c05.s1 Stratagene placenta (9372 ESTs Homo sapiens CDNA: FLJ22562 fis, clone ESTs, Highly similar to S0392 alpha-2-Homo sapiens cDNA FLJ10500 fis, clone hypothetical protein FLJ22678 lymphocyte antigen 6 complex, locus H death associated protein 3 amphiphysin (Stiff-Mann syndrome with b ESTs GLI-Kruppel family member GLI3 (Greig c Homo sapiens cDNA FLJ11489 fis, clone titin a disintegrin-like and metalloprotease ephrin-B1 solute carrier family 16 (monocarboxyli ESTs, Moderately similar to S65657 alph	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654 D44643 AW451618 BE379749 A1638774 NM_002593 NM_012068 AA284166 A1658904 AA478756 T54095 AW469546 BE270828 AA256641 NBE178110 W28969 A1929508 BE313280 U07616 W79283 M57609 H A1208737 AW384459 AK001058 AL120051 AU077141 AU077141 AU077141 AU077141	Hs. 2 27457 Hs. 194116 Hs. 66744 Hs. 6744 Hs. 7 5703 Hs. 36958 Hs. 36958 Hs. 19457 Hs. 104576 Hs. 14144 Hs. 380683 Hs. 85201 Hs. 193579 Hs. 2 02097 Hs. 9 754 Hs. 84673 Hs. 84673 Hs. 194477 Hs. 173374 Hs. 173374 Hs. 173374 Hs. 1795627 Hs. 173034 Hs. 159590 Hs. 1595627 Hs. 172004 Hs. 122810 Hs. 122810 Hs. 122810 Hs. 122810 Hs. 122804 Hs. 12680 Hs. 144700 Hs. 15667 Hs. 75231 Hs. 351676	5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972 1016 5574 565 5217 1241 5744 2668 6784 937 5511 2557 2558 6706 3643 3644 7606 1214 5727 1004 5566 4027 7919 117 4869 2979 7020 3821 7749 3916 7828 2297 6505 3452 7433 2147 6399 2149 6401 2290 2291 6499 3495 7471 559 560 5212 3177 7182 1003 5565 3766 7705 1931 6249 685 5315 479 5147
60 65 70 75	429997 433048 410899 414020 431241 421458 416586 412006 418452 430252 429415 443780 418322 416433 448694 407172 433446 446157 447343 427051 440087 425825 425843 426968 441020 411894 436222 416431 445417 424291 413186 410600 425514	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALUB_HUMAN A wist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su secreted modular calcium-binding protei ESTs C-type (calcium dependent, carbohydrate testes development-related NYD-SP20 ESTs procollagen C-endopeptidase enhancer activating transcription factor 5 cyclin-dependent kinase inhibitor 3 (CD ESTs E3 ubiquitin ligase SMURF2 gb:ya92c05.s1 Stratagene placenta (9372 ESTs Homo sapiens cDNA: FLJ22562 fis, clone ESTs, Highly similar to S02392 alpha-2-Homo sapiens cDNA FLJ10500 fis, clone hypothetical protein FLJ22678 lymphocyte antigen 6 complex, locus H death associated protein 3 amphiphysin (Stiff-Mann syndrome with b ESTs GLI-Kruppel family member GLI3 (Greig c Homo sapiens cDNA FLJ11489 fis, clone titin a disintegrin-like and metalloprotease ephrin-B1 solute carrier family 16 (monocarboxyli ESTs, Moderately similar to S65657 alph integrin, alpha 10	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654 D44643 AW451618 BE379749 AI638774 NS3097 NM_002593 NM_012068 AA284166 AI658904 AA478756 T54095 AW469546 BE270828 AA256641 N BE178110 W28969 AI929508 BE313280 U07616 W79283 M57609 H AI208737 AW384459 AK001058 AL120051 AU077141 AW57575742 AF112345	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958 Hs.1 04576 Hs.14144 Hs.380683 Hs.85201 Hs.105328 Hs.193579 Hs.2 02097 Hs.9 754 Hs.84113 Hs.84673 Hs.194477 Hs.379019 Hs.122116 Hs.133740 Hs.173374 Hs.173374 Hs.173374 Hs.173374 Hs.173374 Hs.173374 Hs.173034 Hs.173034 Hs.172004 Hs.172004 Hs.172004 Hs.172004 Hs.172004 Hs.172004 Hs.176231	5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972 1016 5574 565 5217 1241 5744 2668 6784 37 5511 2557 2558 6706 3643 3644 7606 1214 5727 1004 5566 4027 7919 117 4869 2979 7020 3821 7749 3916 7828 2297 6505 3452 7433 2147 6399 2149 6401 2290 2291 6499 3495 7471 559 560 5212 3177 7182 1003 5565 3766 7705 1931 6249 685 5315 479 5147 2108 2109 6375
<ul><li>60</li><li>65</li><li>70</li><li>75</li></ul>	429997 433048 410889 414020 431241 421458 416586 412006 418452 430252 429415 443780 418322 429415 443780 418322 43046 446157 447343 427051 440087 425825 425843 426968 441020 411894 436222 416431 445417 424291 413186 410600 425514 431385	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALUB_HUMAN A wist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su secreted modular calcium-binding protei ESTs C-type (calcium dependent, carbohydrate testes development-related NYD-SP20 ESTs procollagen C-endopeptidase enhancer activating transcription factor 5 cyclin-dependent kinase inhibitor 3 (CD ESTs E3 ubiquitin ligase SMURF2 gb:ya92c05.s1 Stratagene placenta (9372 ESTs Homo sapiens cDNA: FLJ22562 fis, clone ESTs, Highly similar to S02392 alpha-2-Homo sapiens cDNA: FLJ2560 fis, clone hypothetical protein FLJ22678 lymphocyte antigen 6 complex, locus H death associated protein 3 amphiphysin (Stiff-Mann syndrome with b ESTs GLI-Kruppel family member GLI3 (Greig c Homo sapiens cDNA FLJ11489 fis, clone titin a disintegrin-like and metalloprotease ephrin-B1 solute carrier family 16 (monocarboxyli ESTs, Moderately similar to S65657 alph integrin, alpha 10 membrane-spanning 4-domains, subfamily	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654 D44643 AW451618 BE379749 AI638774 NM_002593 NM_012068 AA284166 AA284166 AA284166 AA284166 AE270828 AA256641 N BE178110 W28969 AI929508 BE313280 U07616 W28969 AI929508 BE313280 U07616 AE270828 AA256641 N BE178110 W28969 AI929508 BE313280 U07616 AE3737 AW384459 AK001058 AL120051 AU077141 AW575742 AF112345 y BE178536	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958 Hs.1 04576 Hs.14144 Hs.380683 Hs.85201 Hs.105328 Hs.193579 Hs.2 02097 Hs.9 754 Hs.84113 Hs.84673 Hs.194477 Hs.379019 Hs.122116 Hs.131740 Hs.131740 Hs.173374 Hs.173374 Hs.173374 Hs.173034 Hs.173037 Hs.172004 Hs.172004 Hs.172004 Hs.172004 Hs.172004 Hs.172004 Hs.172004 Hs.172004 Hs.172004 Hs.172004 Hs.172004 Hs.172010 Hs.172010 Hs.172011	5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972 1016 5574 565 5217 1241 5744 2668 6784 37 5511 2557 2558 6706 3643 3644 7606 1214 5727 1004 5566 4027 7919 117 4869 2979 7020 3821 7749 3916 7828 2297 6505 3452 7433 2147 6399 2149 6401 2290 2291 6499 3495 7471 559 560 5212 3177 7182 1003 5565 179 5147 2108 2109 6375 2779 6863
60 65 70 75	429997 433048 410899 414020 431241 421458 416586 412006 418452 430252 429415 443780 418322 416433 448694 407172 433446 446157 447343 427051 440087 425825 425843 426968 441020 411894 436222 416431 445417 424291 413186 410600 425514	apolipoprotein B mRNA editing enzyme, c ESTs, Weakly similar to ALUB_HUMAN A wist (Drosophila) homolog (acrocephalo small inducible cytokine A4 (homologous ESTs carbohydrate (keratan sulfate Gal-6) su secreted modular calcium-binding protei ESTs C-type (calcium dependent, carbohydrate testes development-related NYD-SP20 ESTs procollagen C-endopeptidase enhancer activating transcription factor 5 cyclin-dependent kinase inhibitor 3 (CD ESTs E3 ubiquitin ligase SMURF2 gb:ya92c05.s1 Stratagene placenta (9372 ESTs Homo sapiens cDNA: FLJ22562 fis, clone ESTs, Highly similar to S02392 alpha-2-Homo sapiens cDNA FLJ10500 fis, clone hypothetical protein FLJ22678 lymphocyte antigen 6 complex, locus H death associated protein 3 amphiphysin (Stiff-Mann syndrome with b ESTs GLI-Kruppel family member GLI3 (Greig c Homo sapiens cDNA FLJ11489 fis, clone titin a disintegrin-like and metalloprotease ephrin-B1 solute carrier family 16 (monocarboxyli ESTs, Moderately similar to S65657 alph integrin, alpha 10	NM_006789 LU R91007 X91662 NM_002984 AA496799 NM_003654 D44643 AW451618 BE379749 AI638774 NS3097 NM_002593 NM_012068 AA284166 AI658904 AA478756 T54095 AW469546 BE270828 AA256641 N BE178110 W28969 AI929508 BE313280 U07616 W79283 M57609 H AI208737 AW384459 AK001058 AL120051 AU077141 AW57575742 AF112345	Hs.2 27457 Hs.194116 Hs.66744 Hs.7 5703 Hs.36958 Hs.1 04576 Hs.14144 Hs.380683 Hs.85201 Hs.105328 Hs.193579 Hs.2 02097 Hs.9 754 Hs.84113 Hs.84673 Hs.194477 Hs.379019 Hs.122116 Hs.133740 Hs.173374 Hs.173374 Hs.173374 Hs.173374 Hs.173374 Hs.173374 Hs.173034 Hs.173034 Hs.172004 Hs.172004 Hs.172004 Hs.172004 Hs.172004 Hs.172004 Hs.176231	5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	2932 6984 501 502 5164 767 768 5378 2765 6852 1543 1544 5972 1016 5574 565 5217 1241 5744 2668 6784 37 5511 2557 2558 6706 3643 3644 7606 1214 5727 1004 5566 4027 7919 117 4869 2979 7020 3821 7749 3916 7828 2297 6505 3452 7433 2147 6399 2149 6401 2290 2291 6499 3495 7471 559 560 5212 3177 7182 1003 5565 3766 7705 1931 6249 685 5315 479 5147 2108 2109 6375

	438158	ESTs	AI796556	Hs.187884	5.0	3305 7298
	425398	hypothetical protein similar to tenasci	AL049689	Hs.156369	5.0	2101 2102 6370
	406621	immunoglobulin lambda locus	X57809	Hs.181125	5.0	26 27 4810
_	421483	hypothetical protein MGC11333	NM_003388	Hs.1 04717	5.0	1545 1546 5973
5	450701	hypothetical protein XP_098151 (leucine		Hs.288467	5.0	4183 8048
_	441188	ESTs	AW292830	Hs.255609	5.0	3503 7478
	408989	KIAA0746 protein	AW361666	Hs.49500	5.0	290 5010
	439867	ESTs	AA847510	Hs.161292	5.0	3435 7418
	410867	fibrillin 1 (Marfan syndrome)	X63556	Hs.750	5.0	
10				115.750		498 499 5162
10	403086	NM_003319*:Homo sapiens titin (TTN), rr		11- 4074	5.0	4705
	419726	bone morphogenetic protein 1	U50330	Hs.1274	4.9	1376 1377 5848
	448807	ESTs	Al571940	Hs.7549	4.9	4041 7930
	425708	hypothetical protein FLJ22530	AK001342	Hs.14570	4.9	2128 2129 6388
1.5	452438	JM4 protein	BE514230	Hs.29595	4.9	4331 8165
15	409649	hypothetical protein FLJ20442	AA159216	Hs.55505	4.9	373 5070
	430009	ESTs	AA894564	Hs.22242	4.9	2638 6762
	417640	protein C receptor, endothelial (EPCR)	D30857	Hs.82353	4.9	1143 5669
	452106	ESTs	AI141031	Hs.21342	4.9	4289 8131
	415701	gamma-glutarnyl hydrolase (conjugase, fo	NM 003878	Hs.78619	4.9	940 941 5514
20	428242	leukemia inhibitory factor (cholinergic	H55709	Hs.2250	4.9	2411 6594
	424623	ESTs	AW963062	Hs.270737	4.9	1977 6282
	422609	sialidase 1 (lysosomal sialidase)	Z46023	Hs.118721	4.9	1711 6093
	444476	isocitrate dehydrogenase 1 (NADP), solu		Hs.11223	4.9	3701 3702 7656
	417511	chordin-like	AL049176	Hs.82223	4.9	1125 1126 5657
25						
23	429044	ESTs	AI261490	Hs.145527	4.9	2506 6667
	441362	RAD51 (S. cerevisiae) homolog (E coli R		Hs.23044	4.9	3512 7486
	438203	ESTs	BE540090	Hs.7345	4.9	3308 7300
	416737	LIM domain protein	AF154335	Hs.79691	4.9	1028 1029 5582
20	449318	Homo sapiens, Similar to RIKEN cDNA 57			4.9	4080 7962
30	450390	Human DNA sequence from clone RP11-		Hs.348805	4.9	4163 8031
	410701	RNA binding motif protein 8A	AF198620	Hs.10283	4.9	487 488 5154
	422867	cartilage oligomeric matrix protein (ps	L32137	Hs.1584	4.9	1751 1752 6122
	439981	ESTs, Weakly similar to T14742 hypothet	AI348408	Hs.124675	4.9	3443 7425
	427399	KIAA0914 gene product	NM_014883	Hs.1 77664	4.9	2323 2324 6524
35	421395	pyruvate dehydrogenase (lipoamide) alph	D90084	Hs.1023	4.9	1538 1539 5969
	438441	ESTs	AW664960	Hs.205319	4.9	3322 7312
	416404	ESTs	AA180138	Hs.107924	4.9	1000 5563
	447297	protease, cysteine, 1 (legumain)	BE617970	Hs.18069	4.9	3914 7826
	427209	KIAA1566 protein	H06509	Hs.92423	4.9	2309 6513
40	406646	major histocompatibility complex, class	M33600	Hs.375570	4.8	36 37 4816
	415076	guanylate cyclase 1, soluble, beta 3	NM_000857		4.8	906 907 5486
	421143	immunoglobulin superfamily containing I	AB024536	Hs.102171	4.8	1510 1511 5949
	423750	prefoldin 2	AF165883	Hs.298229	4.8	1843 1844 6191
	423732	solute carrier family 16 (monocarboxyti	AF058056	Hs.132183	4.8	1840 1841 6189
45	408482	adenosine A2b receptor	NM_000676		4.8	226 227 4959
,,,	439688	hypothetical protein FLJ12921	AW445181	Hs.209637	4.8	3418 7401
	431070	transcription factor 19 (SC1)	AW408164	Hs.249184	4.8	2744 6837
	426935	collagen, type I, alpha 1	NM_000088		4.8	
	417011	ESTs, Weakly similar to 2109260A B cell		Hs.234898	4.8	2288 2289 6498 1060 5605
50	413945	CD14 antigen	NM_000591		4.8	758 759 5371
50	418205		L21715			
	432211	troponin I, skeletal, fast		Hs.83760	4.8	1204 1205 5720
		hypothetical protein FLJ10986	BE274530	Hs.273333	4.8	2852 6917
	440086	v-ral simian leukemia viral oncogene ho	NM_005402		4.8	3450 3451 7432
55	408901	hypothetical protein FLJ10468	AK001330	Hs.48855	4.8	272 273 4997
55	443021	Ig superfamily protein	AA368546	Hs.8904	4.8	3593 7561
	431801	Homo sapiens cDNA FLJ10302 fis, clone		Hs.270555	4.8	2823 6897
	414600	transducin (beta)-like 1	NM_005647		4.8	835 836 5436
	408380	diubiquitin	AF123050	Hs.44532	4.8	217 218 4952
<b>~</b>	402621	Target Exon			4.8	4684
60	424755	KIAA1268 protein	AB033094	Hs.152925	4.8	1995 1996 6295
	409485	ficolin (collagen/fibrinogen domain-con	S80990	Hs.252136	4.8	351 352 5055
	421362	hypothetical protein FLJ20043	AK000050	Hs.103853	4.8	1531 1532 5965
	445537	EGF-like-domain, multiple 6	AJ245671	Hs.12844	4.8	3780 3781 7716
	433819	ESTs	AW511097	Hs.110069	4.8	3007 7042
65	425280	phosphoenolpyruvate carboxykinase 1 (so	U31519	Hs.1872	4.8	2080 2081 6357
	427498	methyl-CpG binding domain protein 3	NM_003926		4.8	2336 2337 6534
	444931	general transcription factor IIIA	AV652066	Hs.75113	4.8	3735 7681
	450000	hypothetical protein FLJ21709	Al952797	Hs.10888	4.8	4126 8003
	425776	parathyroid hormone receptor 2	U25128	Hs.159499	4.8	2138 2139 6394
70	412755	ESTs, Weakly similar to P4HA_HUMAN P				637 5274
, 0	445043	ESTs	AW014413	Hs.196066	4.8	3741 7686
	407824	Homo sapiens cDNA FLJ14388 fis, clone		Hs.9812	4.8	166 4910
	418918	CD2 antigen (p50), sheep red blood cell	X07871	Hs.89476	4.8	1282 1283 5775
	435080	hypothetical protein FLJ14428	AI831760		4.8	3103 7122
75	423225	Thy-1 cell surface antigen	AA852604	Hs.155111	4.8	1786 6148
15				Hs.125359		
_	453985	ESTs	N44545	Hs.251865	4.8	4477 8287
•	417849	nidogen 2	AW291587	Hs.82733	4.8	1161 5684
	430441	desmoplakin (DPI, DPII)	BE398091	Hs.374850	4.8	2699 6805
80	417621	interferon-induced, hepatitis C-associa	AV654694	Hs.82316	4.8	1140 5666
30	431183	KDEL (Lys-Asp-Glu-Leu) endoplasmic reti		⊓S.∠⊃Ub9b	4.8	2756 2757 6845
	402408	NM_030920*:Homo sapiens hypothetical p			4.8	4681
	408024	ESTs		Hs.171501	4.8	186 4928
	414313	coatomer protein complex, subunit alpha		Hs.7 5887	4.7	801 802 5408
85	420059	RAB23, member RAS oncogene family	AF161486	Hs.94769	4.7	1412 1413 5875
$\sigma_{\mathcal{I}}$	406636	gb:Homo sapiens (clone WR4.12VL) anti-		LI- 0005	4.7	32 33 4814
	445434	hypothetical protein FLJ20917	BE391690	Hs.9265	4.7	3769 7707

	411962	gb:zk85d12.r1 Soares_pregnant_uterus_l	ላኤ ልልበዓዓበናበ		4.7	563 5215
	417166	Paired box protein Pax-3	AA431323	Hs.42146	4.7	1088 5628
	441187	hypothetical protein FLJ22174	AW195237	Hs.7734	4.7	3502 7477
	432878	Pirin	BE386490	Hs.279663	4.7	2914 6969
5	435554	early B-cell factor	AF208502	Hs.32425	4.7	3136 3137 7150
_	456804	caveolin 2	AI421645	Hs.139851	4.7	4529 8332
	446035	Sam68-like phosphotyrosine protein, T-S			4.7	3813 3814 7742
	435099	flap structure-specific endonuclease 1	AC004770	Hs.4756	4.7	3104 3105 7123
	407903	bHLH factor Hes4	Al287341	Hs.154029	4.7	178 4920
10	407204	ESTs, Weakly similar to ALU1_HUMAN A		Hs.140237	4.7	121 4873
	452613	ESTs	AA461599	Hs.23459	4.7	4337 8171
	431347	insulin-like growth factor 2 (somatomed	Al133461	Hs.251664	4.7	2774 6859
	447660	ESTs	AW160386	Hs.163667	4.7	3946 7853
	433036	ESTs	AA574091	Hs.105964	4.7	2929 6981
15	453828	ESTs	AW970960	Hs.293821	4.7	4444 8262
13	417767	acyloxyacyl hydrolase (neutrophil)	BE242241	Hs.82542	4.7	1155 5678
	454024	hypothetical protein FLJ23403		Hs.293907	4.7	4481 8290
	422809		AA993527			
	458208	hypothetical protein FLJ10549	AK001379	Hs.121028	4.7 4.7	1741 1742 6115 4570 8367
20		ESTs, Weakly similar to T4S4_HUMAN T				
20	416391	mesoderm specific transcript (mouse) ho		Hs.79284	4.7	999 5562
	448030	membrane-spanning 4-domains, subfamil		Hs.325960	4.7	3971 7873
	414166	N-myc downstream regulated	AW888941	Hs.75789	4.7	784 5392
	422477	ankyrin repeat domain 2 (stretch respon	AA345800	Hs.73708	4.7	1686 6074
25	417376	LIM protein (similar to rat protein kin	AA253314	Hs.154103	4.7	1107 5645
23	405259	C12000526*:gi[7512168]pirt[T30886 integ		11 000044	4.7	4774
	431706	adenylyl cyclase-associated protein 2	AI816086	Hs.296341	4.7	2811 6887
	437802	ESTs	Al475995	Hs.122910	4.7	3288 7281
	412749	signal sequence receptor, beta (translo	AA378417	Hs.74564	4.7	635 5272
20	435370	ESTs	AI964074	Hs.225838	4.7	3120 7136
30	404977	Insulin-like growth factor 2 (somatomed			4.7	4766
	433264	cysteine dioxygenase, type I	D85782	Hs.3229	4.7	2965 2966 7007
	400528	NM_020975*:Homo sapiens ret proto-onc			4.7	4631
	406707	myosin, heavy polypeptide 2, skeletal m	S73840	Hs.931	4.6	61 62 4829
25	428405	cholinergic receptor, nicotinic, alpha	Y00762	Hs.2266	4.6	2436 2437 6615
35	422424 .	prostate differentiation factor	AI186431	Hs.296638	4.6	1681 6070
	426413	gb:EST90805 Synovial sarcoma Homo sa	pie AA377823		4.6	2219 6453
	414694	HSPC002 protein	NM_015362	Hs.7 6907	4.6	848 849 5445
	412490	Homo sapiens cDNA: FLJ22528 fis, clone	AW803564	Hs.288850	4.6	595 5242
40	415812	TATA box binding protein (TBP)-associat	AA077268	Hs.78865	4.6	949 5521
40	429930	ESTs	A1580809	Hs.352364	4.6	2623 6751
	407252	ESTs	AA659037	Hs.163780	4.6	134 4882
	426272	ESTs	AW450671	Hs.88012	4.6	2191 6434
	406627	ESTs	T64904	Hs.163780	4.6	30 4812
	454029	homeo box A5	W05150	Hs.37034	4.6	4482 8291
45	414004	ESTs, Moderately similar to 2115357A TY	AA737033	Hs.7155	4.6	765 5376
	429380	secretory carrier membrane protein 3	AF023268	Hs.200600	4.6	2554 2555 6704
	428291	interferon stimulated gene (20kD)	AA534009	Hs.183487	4.6	2423 6604
	402855	NM_001839*:Homo sapiens calponin 3, a			4.6	4694
	418140	microfibrillar-associated protein 2	BE613836	Hs.83551	4.6	1196 5713
50	400297	hypothetical protein DKFZp564O1278	Al127076	Hs.288381	4.6	7 4618
	414416	hypothetical protein MGC2721	AW409985	Hs.76084	4.6	813 5417
	424876	Homo sapiens clone IMAGE:297403, mRI			4.6	2016 6310
	419250	U5 snRNP-specific protein, 116 kD	AW770185	Hs.356066	4.6	1322 5806
	458207	U2 small nuclear ribonucleoprotein auxi	T28472	Hs.7655	4.6	4569 8366
55	445930	Homo sapiens clone 24747 mRNA sequer			4.6	3804 7734
	411027	leukocyte immunogłobulin-like receptor,	AF072099	Hs.67846	4.6	509 510 5170
	414809	transferrin receptor (p90, CD71)	Al434699	Hs.77356	4.6	873 5463
	419407	hypothetical protein FLJ21276	AW410377	Hs.41502	4.6	1334 5817
	431231	ESTs	AA653552	Hs.116532	4.6	2764 6851
60	438451	ESTs	AI081972	Hs.220261	4.6	3323 7313
	417750	synovial sarcoma, translocated to X chr	AI267720	Hs.260523	4.6	1154 5677
	407930	Homo sapiens cDNA FLJ12807 fis, clone		Hs.188361	4.6	182 4924
	410738	titin	AA197128	Hs.172004	4.6	491 5156
	422765	baculoviral IAP repeat-containing 5 (su	AW409701	Hs.1578	4.6	1734 6110
65	436802	ESTs	N34486	Hs.132183	4.6	3216 7217
-	437669	ESTs, Weakly similar to match to ESTs A		Hs.123164	4.6	3278 7271
	416658	fibrillin 2 (congenital contractural ar	U03272	Hs.79432	4.6	1020 1021 5577
	432290	Homo sapiens cDNA FLJ10237 fis, clone		Hs.274273	4.6	2862 6926
	453767	extracellular matrix protein 2, female	AB011792	Hs.35094	4.6	4439 4440 8258
70	424651	ESTs	AI493206	Hs.120785	4.6	1984 6287
, 0	421016		AA504583	Hs.101047	4.5	1497 5937
	435460	ESTs	AA682439	Hs.118380	4.5	3126 7142
	449353	ESTs	AA001220	Hs.242947	4.5	4084 7966
	413441	Src-like-adapter	AI929374	Hs.75367	4.5	723 5340
75	425568	ESTs	AW963118	Hs.161784	4.5	2115 6380
, 5	433614	cytochrome c oxidase subunit IV isoform		Hs.277101	4.5	2993 7031
	100017			Hs.179774	4.5	2351 6545
	427600		, 177UJUJ 10			
	427600 444638	proteasome (prosome, macropain) activat	Δ1445775	He 1/3906		
	444638	ESTs	AI445775	Hs.143806 Hs.86045	4.5 4.5	3709 7661 1099 5639
80	444638 417352	ESTs gb:zp95h09.r1 Stratagene muscle 937209	AA195919	Hs.86045	4.5	1099 5639
80	444638 417352 413943	ESTs gb:zp95h09.r1 Stratagene muscle 937209 Homo sapiens cDNA FLJ12981 fis, clone	AA195919 N AW294416	Hs.86045 Hs.144687	4.5 4.5	1099 5639 757 5370
80	444638 417352 413943 439332	ESTs gb:zp95h09.r1 Stratagene muscle 937209 Homo sapiens cDNA FLJ12981 fis, clone Homo sapiens mRNA; cDNA DKFZp547M	AA195919 N AW294416 1072 (f AW842	Hs.86045 Hs.144687 747 Hs.37882	4.5 4.5 21 4.5	1099 5639 757 5370 3393 7376
80	444638 417352 413943 439332 452052	ESTs gb:zp95h09.r1 Stratagene muscle 937209 Homo sapiens cDNA FLJ12981 fis, clone Homo sapiens mRNA; cDNA DKFZp547M midline 1 (Opitz/BBB syndrome)	AA195919 N AW294416 1072 (f AW842 NM_000381	Hs.86045 Hs.144687 747 Hs.37882 Hs.2 7695	4.5 4.5 21 4.5 4.5	1099 5639 757 5370 3393 7376 4277 4278 8121
80	444638 417352 413943 439332 452052 410817	ESTs gb:zp95h09.r1 Stratagene muscle 937209 Homo sapiens cDNA FLJ12981 fis, clone Homo sapiens mRNA; cDNA DKFZp547M midline 1 (Opitz/BBB syndrome) protein disulfide isomerase related pro	AA195919 N AW294416 1072 (f AW842 NM_000381 AI262789	Hs.86045 Hs.144687 747 Hs.37882 Hs.2 7695 Hs.93659	4.5 4.5 21 4.5 4.5 4.5	1099 5639 757 5370 3393 7376 4277 4278 8121 497 5161
	444638 417352 413943 439332 452052 410817 444842	ESTs gb:zp95h09.r1 Stratagene muscle 937209 Homo sapiens cDNA FLJ12981 fis, clone Homo sapiens mRNA; cDNA DKFZp547M midline 1 (Opitz/BBB syndrome) protein disulfide isomerase related pro bromodomain adjacent to zinc finger dom	AA195919 N AW294416 1072 (f AW842 NM_000381 AI262789 AF084479	Hs.86045 Hs.144687 747 Hs.37882 Hs.2 7695	4.5 4.5 21 4.5 4.5 4.5 4.5 4.5	1099 5639 757 5370 3393 7376 4277 4278 8121 497 5161 3729 3730 7676
80 85	444638 417352 413943 439332 452052 410817	ESTs gb:zp95h09.r1 Stratagene muscle 937209 Homo sapiens cDNA FLJ12981 fis, clone Homo sapiens mRNA; cDNA DKFZp547M midline 1 (Opitz/BBB syndrome) protein disulfide isomerase related pro	AA195919 N AW294416 1072 (f AW842 NM_000381 AI262789 AF084479 AF084545	Hs.86045 Hs.144687 747 Hs.37882 Hs.2 7695 Hs.93659	4.5 4.5 21 4.5 4.5 4.5	1099 5639 757 5370 3393 7376 4277 4278 8121 497 5161

	408964	beta-site APP-cleaving enzyme	AF201468	Hs.49349	4.5	284 285 5006
	439453	thyroid hormone receptor interactor 13	BE264974	Hs.6566	4.5	3399 7382
	408212	hypothetical protein	AA297567	Hs.43728	4.5	206 4945
	443142	protein phosphatase 2 (formerly 2A), re	AI696513	Hs.108705	4.5	3604 7571
5	452063	ESTs, Weakly similar to TWST_HUMAN		Hs.32366	4.5	4281 8124
_	439815	hypothetical protein FLJ20420	AA206079	Hs.6693	4.5	3433 7416
	403074	NM_003319*:Homo sapiens titin (TTN), m			4.5	4703
	447898	6.2 kd protein	AW969638	Hs.380920	4.5	3966 7868
	431757	Homo sapiens chromosome 21q22.1 ano				2817 6892
10	426822	ESTs	W78950	Hs.220823	4.5	2277 6489
	424001	paternally expressed 10	W67883	Hs.137476	4.5	1882 6217
	414178	ESTs, Weakly similar to 138022 hypothet		Hs.46791	4.5	788 5396
	414862	single-stranded DNA-binding protein	BE621310	Hs.923	4.5	882 5468
_	443960	hypothetical protein FLJ21986	AI093577	Hs.255416	4.5	3663 7623
15	427458	ESTs, Weakly similar to LKHU proteoglyc		Hs.29283	4.5	2332 6530
	418867	msh (Drosophila) homeo box homolog 2	D31771	Hs.89404	4.5	1277 1278 5772
	415656	ESTs	W84346	Hs.84673	4.5	933 5507
	447484	hypothetical protein FLJ14697	AA464839	Hs.292566	4.5	3933 7841
	435373	ESTs	AW665538	Hs.117689	4.5	3121 7137
20	424834	Homo sapiens cDNA FLJ10570 fis, clone			4.5	2009 6304
	439731	hypothetical protein FLJ14084	AI953135	Hs.45140	4.5	3425 7408
	453859	myogenic factor 6 (herculin)	NM_002469		4.5	4451 4452 8267
	431104	ESTs	AW970859	Hs.313503	4.5	2750 6841
	452698	chemokine (C-C motif) receptor 1	NM_001295		4.5	4343 4344 8177
25	414883	CDC28 protein kinase 1	AA926960	Hs.348669	4.5	885 5471
	409197	chromosome 11 open reading frame 24	N54706	Hs.303025	4.5	322 5035
	412974	emopamil-binding protein (sterol isomer	R18978	Hs.75105	4.5	664 5297
	430770	ESTs	AA765694	Hs.123296	4.5	2727 6825
	444681	chromosome 6 open reading frame 9	AJ243937	Hs.288316	4.4	3715 3716 7667
30	447463	Mitochondrial Acyl-CoA Thioesterase	AW378685	Hs.18625	4.4	3929 7838
	428281		AA194554	Hs.183434	4.4	2419 6601
	408866	ESTs	AW292096	Hs.255036	4.4	270 4995
	449175	homolog of yeast SPB1	AJ005892	Hs.23170	4.4	4068 4069 7952
	444669	ESTs	F18939	Hs.153827	4.4	3713 7665
35	431093	eomesodermin (Xenopus laevis) homolog		Hs.301704	4.4	2746 2747 6839
	412448	tumor necrosis factor receptor superfam	L12964	Hs.73895	4.4	587 588 5236
	444385	CGI-111 protein	BE278964	Hs.11085	4.4	3698 7653
	423595	ESTs	R82826	Hs.220702	4.4	1823 6176
	457567	gb:QV1-DT0069-010200-057-c12 DT0069			4.4	4557 8355
40	407896	Zic family member 1 (odd-paired Drosoph		Hs.41154	4.4	176 177 4919
	451938	down-regulator of transcription 1, TBP-	AI354355	Hs.16697	4.4	4263 8110
	432680	interferon, alpha-inducible protein 27	T47364	Hs.278613	4.4	2895 6954
	428795	ESTs, Highly similar to A39769 N-acetyl	R45503	Hs.97469	4.4	2475 6643
	407907	procollagen-lysine, 2-oxoglutarate 5-di	AI752235	Hs.41270	4.4	179 4921
45	440184	dedicator of cyto-kinesis 3	AB002297	Hs.7022	4.4	3459 3460 7439
-	452664	hypothetical protein FLJ23221	AA398859	Hs.18397	4.4	4339 8173
	445893	ESTs, Weakly similar to TRHY_HUMAN T			4.4	3802 7732
	412430	fumarylacetoacetate hydrolase (fumaryla		Hs.73875	4.4	584 5233
	452203	transporter 1, ATP-binding cassette, su	X57522	Hs.352018	4.4	4298 4299 8140
50	441224	calumenin	AU076964	Hs.7753	4.4	3504 7479
	436519	myozenin	AJ278124	Hs.238756	4.4	3196 3197 7200
	439265	Homo sapiens cDNA: FLJ23197 fis, clone	AL134430 ·	Hs.6906	4.4	3388 7371
	428048	gb:zf41b11.s1 Soares_fetal_heart_NbHH	19 AA705745		4.4	2394 6580
	414653	procollagen-proline, 2-oxoglutarate 4-d	M24486	Hs.76768	4.4	841 842 5441
55	408787	Rho guanine exchange factor (GEF) 11	NM_014784	Hs.4 7822	4.4	258 259 4987
	406672	major histocompatibility complex, class	M26041	Hs.198253	4.4	43 44 4820
	403291	Target Exon			4.4	4713
	422624	KDEL (Lys-Asp-Glu-Leu) endoplasmic reti	BE616678	Hs.380986	4.4	1714 6096
	459531	hypothetical protein FLJ11500 similar t	AI200996	Hs.148533	4.4	4594 8390
60	412014	ESTs, Weakly similar to A46010 X-linked	A1620650	Hs.43761	4.4	566 5218
	451186	ESTs, Weakly similar to leucine-rich gl	AW023469	Hs.65256	4.4	4217 8076
	439302	ESTs	AW467516	Hs.208109	4.4	3390 7373
	407103	hypothetical protein MGC13170	AA424881	Hs.256301	4.4	110 4862
65	429052	ESTs	AA443938	Hs.368387	4.4	2509 6669
<b>65</b> .	407754	Homo sapiens cDNA FLJ14105 fis, clone		Hs.288967	4.4	158 4902
	408365	hypothetical protein FLJ20514	AK000521	Hs.44423	4.4	214 215 4950
	410079	glycogenin 2	U94362	Hs.380757	4.4	418 419 5104
	421893	vascular cell adhesion molecule 1	NM_001078	Hs.1 09225	4.4	1608 1609 6018
70	407241	gb:Human omega light chain protein 14.1			4.4	130 131 4880
70	414283	ESTs	AW960011	Hs.154993	4.3	797 5404
	453817	ESTs	AW755253	Hs.379636	4.3	4442 8260
	444969	ESTs	Al203334	Hs.171862	4.3	3736 7682
	423600	ESTs	Al633559	Hs.310359	4.3	1824 6177
75	415169	ATPase, vacuolar, 14 kD	W42913	Hs.78089	4.3	915 5492
13	407756	ubiquitin specific protease 18	AA116021	Hs.38260	4.3	159 4903
	456115	titin	F01082	Hs.172004	4.3	4515 8320
	422241	protein tyrosine phosphatase, receptor	Y00062	Hs.170121	4.3	1663 1664 6058
	443639	proteasome (prosome, macropain) subuni		Hs.9661	4.3	3632 7595
80	448258	hypothetical protein FLJ20396	BE386983	Hs.343214	4.3	3990 7889
ou	424218	cystatin F (leukocystatin)	AF031824	Hs.143212	4.3	1913 1914 6239
	426283	kynureninase (L-kynurenine hydrolase)		Hs.1 69139	4.3	2192 2193 6435
	438568	major histocompatibility complex, class	R98865	Hs.11135	4.3	3336 7324
	411000	ESTs, Weakly similar to S38383 SEB4B p		Hs.201619	4.3	505 5167
85	429351	hypothetical protein FLJ10628	AK001490	Hs.200016	4.3	2549 2550 6701
35	448019			Hs.195641	4.3	3970 7872
	410006	eukaryotic translation initiation facto	AW732308	Hs.57783	4.3	405 5095

	440050					500 5000
	412359	gb:QV3-LT0048-140200-083-e05 LT0048				583 5232
	427871	Homo sapiens, clone IMAGE:3507281, m				2380 6568
	433757	ESTs CD200 on Face	AI949974	Hs.152670	4.3	3002 7038
5	429455	CD209 antigen	Al472111	Hs.278694	4.3	2563 6710
,	442426 415512	hypothetical protein MGC5370 paralemmin	AI373062 Y16270	Hs.332938 Hs.78482	4.3 4.3	3562 7534 929 930 5504
	428618	Target CAT	AA885360	Hs.351796	4.3	2456 6629
	402685	Target Exon	77.00000	113.331730	4.3	4687
	424192	P311 protein	U30521	Hs.142827	4.3	1911 1912 6238
10	417911	chaperonin containing TCP1, subunit 6A		Hs.82916	4.3	1166 5689
- •	428125	leucine aminopeptidase	AA393071	Hs.182579	4.3	2400 6585
	446742	putative G-protein coupled receptor	AA232119	Hs.16085	4.3	3870 7790
	453862	Homo sapiens mRNA; cDNA DKFZp4348				4453 4454 8268
	409267	transducin (beta)-like 2	NM_012453	Hs.5 2515	4.3	337 338 5044
15	411149	ESTs	N68715	Hs.269128	4.3	517 5177
	449194	ESTs	R43799	Hs.23783	4.3	4070 7953
	436827	guanine nucleotide binding protein (G p	H72187	Hs.356668	4.3	3218 7219
	447178	ESTs	AW594641	Hs.192417	4.3	3896 7812
20	422801	nuclear receptor co-repressor 2	AF125672	Hs.287994	4.3	1739 1740 6114
20	426156	natriuretic peptide receptor A/guanylat	BE244537	Hs.167382	4.3	2183 6427
	436895	carbonic anhydrase XII	AF037335	Hs.5338	4.3	3224 3225 7224
	413328	guanylate cyclase 1, soluble, alpha 3	Y15723	Hs.75295	4.3	701 702 5326
	426108	programmed cell death 5	AA622037	Hs.166468	4.3	2173 6420
25	432503	ESTs	AA551196	Hs.188952	4.3	2878 6940
2.5	428342	Homo sapiens cDNA FLJ13458 fis, clone		Hs.349283	4.3	2432 6611
	408864 407868	excision repair cross-complementing rod proline-rich Gla (G-carboxyglutamic aci	AA521132 NM_000950	Hs.48576	4.3 4.3	269 4994 172 173 4916
	420261	fibroblast growth factor receptor 1 (fm	AW206093	Hs.748	4.3	1440 5897
	426858	ubiquitously-expressed transcript	NM 004182		4.3	2280 2281 6492
30	412520	H2A histone family, member O	AA442324	Hs.795	4.3	599 5245
-	429228	ESTs	AI553633	Hs.356828	4.3	2533 6687
	444670	hypothetical protein MGC5370	H58373	Hs.332938	4.3	3714 7666
	421873	chromosome 14 open reading frame 2	Al132988	Hs.109052	4.3	1605 6015
	436962	DKFZP5641052 protein	AW377314	Hs.5364	4.3	3229 7228
35	452291	CDC7 (cell division cycle 7, S. cerevis	AF015592	Hs.28853	4.3	4310 4311 8150
	425071	deiodinase, iodothyronine, type II	NM_013989		4.3	2043 2044 6330
	419050	adenosine monophosphate deaminase 1	(is NM_000036	6 Hs.89570	4.3	1293 1294 5784
	414285	ESTs	AA312914	Hs.71719	4.3	798 5405
40	452277	KIAA1223 protein	AL049013	Hs.28783	4.3	4308 8148
40	418457	Deleted in split-hand/split-foot 1 regi	N95406	Hs.333495	4.3	1242 5745
	430683	Homo sapiens PAC clone RP4-697H17 fr			4.3	2720 6820
	442376	Homo sapiens cDNA FLJ12228 fis, clone		Hs.129982	4.3	3557 7529
	412805	Homo sapiens, Similar to bromodomain-c		Hs.278675	4.2	647 5283
45	421225	MCT-1 protein	AA463798	Hs.102696	4.2	1517 5954
43	417045	Homo sapiens ORF1	F01180	Hs.332030	4.2	1066 5610
	412856	basigin (OK blood group)	BE386745	Hs.74631	4.2	652 5287
	400517 414031	lengsin	W2261E	Un 207442	4.2	4630
	452960	hypothetical protein MGC10848 protein tyrosine phosphatase, receptor	W22615 AK001335	Hs.207443 Hs.31137	4.2 4.2	770 5380 4373 8201
50	418741	ESTs, Weakly similar to S41044 chromos		Hs.8881	4.2	1272 5767
-	410512	hypothetical protein MGC3180	AA085603	Hs.250570	4.2	468 5140
	414260	KIAA0218 gene product	NM_014760		4.2	793 794 5401
	448888	caspase recruitment domain protein 6	AW196663	Hs.200242	4.2	4049 7935
	438596	ESTs	AA829427	Hs.243081	4.2	3337 7325
55	424321	lymphocyte-specific protein tyrosine ki	W74048	Hs.1765	4.2	1933 6251
	444172	ESTs, Moderately similar to 138022 hypo	BE147740	Hs.279789	4.2	3684 7641
	409703	2'-5'-oligoadenylate synthetase 3 (100	NM_006187	Hs.5 6009	4.2	381 382 5076
	442432	hypothetical protein FLJ23468	BE093589	Hs.38178	4.2	3563 7535
60	409556	phosphorylase kinase, alpha 2 (liver)	D38616	Hs.54941	4.2	361 362 5061
60	400991	Target Exon			4.2	4641
	411252	MD-2 protein	AB018549	Hs.69328	4.2	521 522 5181
	452260	RAB9, member RAS oncogene family	AA453208	Hs.330994	4.2	4307 8147
	420311	Human DNA sequence from clone RP4-5			4.2	1444 5901
65	435101 406519	ESTs C10001858:gi 6679124 ref NP_032759.1	AI743156	Hs.131064	4.2 4.2	3106 7124 4808
03	414522	Immunoglobulin J chain	AW518944	Hs.76325	4.2	827 5428
	432692	ESTs	AW974944	Hs.285814	4.2	2899 6957
	446291	interferon, gamma-inducible protein 30	BE397753	Hs.14623	4.2	3833 7760
	414747	centromere protein F (350/400kD, mitosi	U30872	Hs.77204	4.2	861 862 5455
70	424494	phosphatidylinositol-4-phosphate 5-kina	U78575	Hs.149255	4.2	1961 1962 6273
	453000	retinoblastoma-binding protein 7		Hs.31314	4.2	4378 8206
	448771	SNARE protein	BE315511	Hs.296244	4.2	4034 7925
	415938	A kinase (PRKA) anchor protein 1	BE383507	Hs.78921	4.2	959 5528
76	450423	sialoadhesin	AA486735	Hs.31869	4.2	4167 8035
75	414915	myxovirus (influenza) resistance 1, hom	NM_002462		4.2	888 889 5473
	416804	spondyloepiphyseal dysplasia, late	NM_014563		4.2	1033 1034 5586
	441283	ESTs	AA927670	Hs.131704	4.2	3506 7481
	435232	cyclin-dependent kinase inhibitor 2C (p	NM_001262		4.2	3114 3115 7132
80	450923	ESTs	AW043951	Hs.38449	4.2	4203 8063
80	458806	Homo sapiens PNAS-13 mRNA, complete				4580 8377
	424880	retinitis pigmentosa GTPase regulator	NM_000328 I		4.2	2018 2019 6312
	413384	exostoses (multiple) 2	NM_000401		4.2	708 709 5330
	427274 439039	colony stimulating factor 1 receptor, f ESTs	NM_005211   Al656707		4.2	2313 2314 6517
85	439039 429803	RAB31, member RAS oncogene family		Hs.48713 Hs.223025	4.2 4.2	3373 7356 2612 6743
00	417675	similar to murine leucine-rich repeat p		Hs.3781	4.2	1144 5670
	******	Common to marine recome non repeat p			7.4	1177 3070

	416330	galactosidase, beta 1	AU077101	Hs.79222	4.2	990 5555
	451806	RNA 3'-terminal phosphate cyclase	NM_003729		4.2	4257 4258 8105
	452401	tumor necrosis factor, alpha-induced pr	NM_007115		4.2	4325 4326 8161
	443462	ESTs	AI064690	Hs.171176	4.2	3623 7587
5	414907	polo (Drosophia)-like kinase	X90725	Hs.77597	4.2	886 887 5472
_	412642	hepatocyte growth factor (hepapoietin A	BE244598	Hs.809	4.2	622 5261
	431882	engrailed homolog 1	NM_001426		4.2	2832 2833 6903
	413833	centromere protein E (312kD)	Z15005	Hs.75573	4.2	748 749 5363
	413048	mannose receptor, C type 1	M93221	Hs.75182	4.2	672 673 5305
10	434883	hypothetical protein MGC12959	AW381538	Hs.19807	4.2	3088 7108
10	414878	ADP-ribosylation factor 5	AA341040	Hs.77541	4.2	884 5470
	452240	ESTs	AI591147	Hs.61232	4.2	4304 8144
	416322	pyrroline-5-carboxylate reductase 1	BE019494	Hs.79217	4.2	989 5554
	413004	interleukin enhancer binding factor 2,	T35901	Hs.75117	4.2	667 5300
15	432435	ESTs	BE218886	Hs.282070	4.2	2874 6936
1.5	421485	hypothetical protein FLJ10134	AA243499	Hs.104800	4.2	1547 5974
	418197	gb:zn58g02.r1 Stratagene muscle 937209		Hs.50794	4.1	1200 5717
	420238	ESTs, Weakly similar to 2109260A B cell		Hs.12549	4.1	1436 5894
	437275	ESTs, Weakly similar to A47582 B-cell g	AW976035	Hs.292396	4.1	3251 7248
20	441406	phosphoprotein regulated by mitogenic p	Z45957	Hs.7837	4.1	3518 7491
20	446272	hematopoietic cell-specific Lyn substra	BE268912	Hs.14601	4.1	3832 7759
	433230	ESTs	AW136134	Hs.220277	4.1	2960 7004
	430522	KIAA0471 gene product	N75750	Hs.242271	4.1	2706 6810
	427954	metaxin 1	J03060	Hs.247551	4.1	2387 6574
25	434974	eukaryotic translation initiation facto	AA778711	Hs.362973	4.1	3094 7113
23	439223	UL16 binding protein 2	AW238299		4.1	3383 7366
	439223	interferon-induced protein with tetratr	AA053486	Hs.250618		
	452012	kinesin family member 4A		Hs.20315	4.1	3978 7880
	429623	G protein-coupled receptor kinase 5	AA307703	Hs.279766	4.1	4269 8116
30	433839	ESTs, Weakly similar to ALU1_HUMAN A	NM_005308		4.1 4.1	2591 2592 6729
50	451514	beta-1,3-glucuronyltransferase 3 (glucu	NM_012200	Hs.146070		3008 7043
	425797	platelet activating receptor homolog	AF002986		4.1 4.1	4237 4238 8091
	423737	serine/threonine kinase 12		Hs.159545		2142 2143 6396
	438866	tissue inhibitor of metalloproteinase 2	AW411425	Hs.180655	4.1	2365 6557
35	409461		U44385	Hs.6441	4.1	3360 3361 7344
33		N-myc (and STAT) interactor	AA382169	Hs.54483	4.1	350 5054
	444371	forkhead box M1 ESTs	BE540274	Hs.239	4.1	3696 7651
	419081		AI798863	Hs.87191	4.1	1299 5788
	409154	interferon-induced protein 35	U72882	Hs.50842	4.1	314 315 5028
40	438662	cleavage and polyadenylation specific f	AA223599	Hs.6351	4.1	3345 7330
70	424800	MyoD family inhibitor	AL035588	Hs.153203	4.1	2002 2003 6300
	435408	ESTs, Weakly similar to T29299 hypothet		Hs.4302	4.1	3125 7141
	418526	solute carrier family 16 (monocarboxyli	BE019020	Hs.85838	4.1	1251 5752
	402474	NM_004079:Homo sapiens cathepsin S (0		11- 400004	4.1	4682
45	429599	ESTs	AA806106	Hs.123664	4.1	2583 6724
43	438708	Homo sapiens phenylalkylamine binding p		Hs.30619	4.1	3352 7336
	435575	triggering receptor expressed on myeloi	AF213457	Hs.44234	4.1	3139 3140 7152
	426363	transforming growth factor, beta 3	M58524	Hs.2025	4.1	2210 2211 6446
	410036	calsequestrin 2 (cardiac muscle)	R57171	Hs.57975	4.1	412 5100
50	407874	Homo sapiens cDNA FLJ14059 fis, clone		Hs.289047	4.1	175 4918
50	430255	Homo sapiens mRNA for KIAA1551 protei			4.1	2669 2670 6785
	451149	RNA binding motif protein 8B	AL047586	Hs.10283	4.1	4214 8073
	425289	interferon, gamma-inducible protein 16	AW139342	Hs.155530	4.1	2082 6358
	424665	caveolin 2	AW368576	Hs.139851	4.1	1985 6288
55	434815	core1 UDP-galactose:N-acetylgalactosam		Hs.46744	4.1	3076 3077 7100
55	431448	hypothetical protein DKFZp564O1278	AL137517	Hs.306201	4.1	2785 2786 6869
	453149	DKFZP434G145 protein	BE614781	Hs.31931	4.1	4395 8221
	434203 432169	hypothetical protein PRO1855	BE262677	Hs.283558	4.1	3033 7066
		phosphoribosyl pyrophosphate synthetase		Hs.2910	4.1	2847 2848 6914
60	418400	KIAA0246 protein	BE243026	Hs.301989	4.1	1234 5739
00	418990 452281	proteasome (prosome, macropain) subuni Homo sapiens cDNA FLJ11041 fis, clone		Hs.89545	4.1	1289 5780
				Hs.28792	4.1	4309 8149
	448603 432842	DNA segment on chromosome X and Y (u hypothetical protein MGC4485	AW674093	Hs.21595 Hs.334822	4.1 4.1	4017 4018 7911 2911 6966
	431124					
65	449609	guanine nucleotide binding protein (G p	AF284221 BE246434	Hs.59506 Hs.289026	4.1 4.1	2753 2754 6843 4099 7980
05	422085		AB018257		4.1	
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	424792	origin recognition complex, subunit 5 (	U92538	Hs.153138	4.1	2000 2001 6299
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70	408331	dual specificity phosphatase 12	NM_007240		4.1	211 212 4948
, 0	417601	KIAA0215 gene product	NM_007240		4.1	1136 1137 5664
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	431735		AW977724	Hs.356629	4.1	
75	452093	Homo sapiens mRNA; cDNA DKFZp586M				2815 6890 4286 8129
, 5	435937		AA830893	455 HS.27600 Hs.119769	4.1	3164 7172
	450755		AA010984	Hs. 159464	4.1	4190 8054
	407214		AA412048	Hs. 279574	4.1	
	444367		H54892	Hs.10974	4.1	122 4874 3695 7650
80	443351	Homo sapiens cDNA FLJ13471 fis, clone I			4.1	3617 7583
-	434001		AW950905	Hs.3697	4.1	3022 7055
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85
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                            Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled
                                   The DNA
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35								
	TABLE 5A							
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40	Accession: UniGene:	Unigene number	sion number, Genbank a	ocession numb	er			
	RATIO:			carooma Ale di	uided by the E	Oth persontile	of normal ficano	Als, where the 10th percentile of normal tissue
	IVATIO.		s was subtracted from bo				oi nomiai assue	Als, where the Toth percentile of normal ussue
	SEQ ID #:							
45	SEQ ID#:		protein sequences provide					
45		nucleic acid and		ded on CD for	search purpos	es	SEQID#	
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	Pkey 420208 451497 452838 441134 445160 422424 419628	nucleic acid and  Gene Name silver (mouse ho Wnt inhibitory fa preferentially ex cellular retinoic a school of the coulis home prostate differen ESTs	protein sequences providences providences like ctor-1 pressed antigen in mel acid-binding protein eobox (Drosophila) hornol tiation factor	Accession BE276055 H83294 U65011 W29092 I Al299144 A1186431 H67546	UniGene Hs.95972 Hs.284122 Hs.30743 Hs.346950 Hs.101937 Hs.296638 Hs.49768	RATIO 25.1 17.5 16.5 16.1 14.8 14.8	1431 5891 4235 8089 4357 4358 818 3500 7475 3748 7692 1681 6070 1364 5837	
50	Pkey 420208 451497 452838 441134 445160 422424 419628 424687	nucleic acid and  Gene Name silver (mouse ho Wht inhibitory fa preferentially ex cellular retinoic a sine oculis home prostate differen ESTs matrix metallopre	protein sequences providences providences providences protein entry in mel protein erobox (Drosophila) homolitation factor oteinase 9 (gelatinase	Accession BE276055 H83294 U65011 W29092 I Al299144 Al186431 H67546 J05070	UniGene Hs.95972 Hs.284122 Hs.30743 Hs.346950 Hs.101937 Hs.296638 Hs.49768 Hs.151738	RATIO 25.1 17.5 16.5 16.3 16.1 14.8 14.8 14.1	1431 5891 4235 8089 4357 4358 818 3500 7475 3748 7692 1681 6070 1364 5837 1986 1987 628	
	Pkey 420208 451497 452838 441134 445160 422424 419628 424687 436485	nucleic acid and Gene Name silver (mouse ho Wnt inhibitory fa preferentially ex, cellular retinoic a sine oculis home prostate differen ESTs matrix metallopri immunoglobulin	protein sequences providences providences providences processed antigen in melacid-binding protein sobox (Drosophila) homolitation factor oteinase 9 (gelatinase kappa constant	Accession BE276055 H83294 U65011 W29092 AI299144 AI186431 H67546 J05070 X59135	UniGene Hs.95972 Hs.284122 Hs.30743 Hs.346950 Hs.101937 Hs.296638 Hs.49768 Hs.151738 Hs.156110	RATIO 25.1 17.5 16.5 16.3 16.1 14.8 14.1 12.9	1431 5891 4235 8089 4357 4358 818 3500 7475 3748 7692 1681 6070 1364 5837 1986 1987 628 3193 3194 719	
50	Pkey 420208 451497 452838 441134 445160 422424 419628 42628 436485 452223	nucleic acid and Gene Name silver (mouse ho Wnt inhibitory fa preferentially ex, cellular retinoic, sine oculis home prostate differen ESTs matrix metallopri immunoglobulin hypothetical prof	protein sequences providences providences protein sequences providences protein pressed antigen in mel acid-binding protein acid-binding protein acid-binding formation factor protein factor protein protein sequences of the protein sequences protein factor prote	Accession BE276055 H83294 U65011 W29092 A1299144 A1186431 H67546 J05070 X59135 AA425467	UniGene Hs. 95972 Hs. 284122 Hs. 30743 Hs. 346950 Hs. 101937 Hs. 296638 Hs. 49768 Hs. 151738 Hs. 156110 Hs. 8035	RATIO 25.1 17.5 16.5 16.3 16.1 14.8 14.1 12.9 12.6	1431 5891 4235 8089 4357 4358 818 3500 7475 3748 7692 1681 6070 1364 5837 1986 1987 628 3193 3194 719 4302 8142	988
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<ul><li>50</li><li>55</li><li>60</li><li>65</li></ul>	Pkey 420208 451497 452838 441134 445160 422424 419628 424687 436485 452223 417153 413916 413063 418678 442117 426600 419556 414812 447377 430377 446921	nucleic acid and Gene Name silver (mouse ho Wht inhibitory fa preferentially exy cellular retinoic a sine oculis home prostate differen ESTs matrix metallopri immunoglobulin hypothetical prof collagen, type II, apolipoprotein C chitinase 3-like 1 cancer/testis ant ESTs; hypothetic VGF nerve grow chitinase 1 (chiti monokine induce transcription fact dopachrome tau small inducible c cadherin 3, type Target Exon	protein sequences providences providences of the ctor-1 pressed antigen in mel acid-binding protein acobox (Drosophila) homol tiation factor oteinase 9 (gelatinase kappa constant tein MGC2827 alpha 1 (primary ostill (cartilage glycoprotigen (NY-ESO-1) acal protein for IMAGE:44 th factor inducible throsidase) ad by gamma interferon tor AP-2 alpha tomerase (dopachrome detytokine subfamily A (C	Accession BE276055 H83294 U65011 W29092 A1299144 A1186431 H67546 J05070 X59135 AA425467 X57010 N49813 AL035737 NM_001327 AW664964 NM_003378 U29615 X72755 X777343 lelt NM_00192 AB012113	UniGene Hs.95972 Hs.284122 Hs.30743 Hs.346950 Hs.101937 Hs.296638 Hs.49768 Hs.151738 Hs.156110 Hs.8035 Hs.15615 Hs.75184 Hs.8 7225 Hs.128899 Hs.1 71014 Hs.91093 Hs.77367 Hs.334334 2 Hs.301865 Hs.16530 Hs.2877	RATIO 25.1 17.5 16.5 16.3 16.1 14.8 14.1 12.9 12.6 12.3 12.3 12.1 11.9 11.0 10.3 10.3 10.3 10.2 10.1	1431 5891 4235 8089 4357 4358 818 3500 7475 3748 7692 1681 6070 1364 5837 1986 1987 628 3193 3194 719 4302 8142 1084 1085 562 753 5367 676 5308 1269 1270 576 3551 7523 2255 2256 647 1351 1352 582 6474 875 5464 3920 3921 783 2682 2683 679 3878 3879 779 2834 2835 690 4762	9 8 5 5 5 9 1 1 5 7
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<ul><li>50</li><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	Pkey 420208 420208 451497 452838 441134 445160 422424 419628 424687 436485 452223 417153 413916 413063 418678 442117 426600 419556 414812 447377 430377 446921 431958 404854 426555 428398 429083 450149 453837 406663 422311 450390 426390 426390	nucleic acid and Gene Name silver (mouse ho Whit inhibitory fa preferentially ex cellular retinoic a sine oculis home prostate differen ESTs matrix metallopn immunoglobulin hypothetical prol collagen, type II, apolipoprotein C chitinase 3-like 1 cancer/flestis ant ESTs; hypothetic VGF nerve grow chitinase 1 (chitinase 1) chitinase 1 (chitinase 1) cadherin 3, type Target Exon tyrosinase (ocule ESTs BCL2-related pro Zic family memb baculoviral IAP r immunoglobulin cytokine recepto Human DNA sed complement con	protein sequences providence of the control of the color	Accession BE276055 H83294 U65011 W29092 I Al299144 Al186431 H67546 J05070 X59135 AA425467 X57010 N49813 AL035737 NM_001327 AW664964 NM_003378 U29615 X72755 X77343 elt NM_00192 AB012113 X63629 NM_000372 AW969781 AL138387 U24683 AF073515 234G N93227 U15979 M26301	UniGene Hs.95972 Hs.284122 Hs.30743 Hs.346950 Hs.101937 Hs.296638 Hs.49768 Hs.151738 Hs.156110 Hs.8035 Hs.156110 Hs.8035 Hs.75615 Hs.75184 Hs.75615 Hs.75184 Hs.8 7225 Hs.128899 Hs.1 71014 Hs.91093 Hs.77367 Hs.334334 22 Hs.301865 Hs.16530 Hs.2877 Hs.2053 Hs.98558 Hs.227817 Hs.132863 Hs.256126 Hs.114948 Hs.348805 Hs.14948 Hs.348805 Hs.169228 Hs.2253	RATIO 25.1 17.5 16.5 16.3 16.1 14.8 14.8 14.1 12.9 12.6 12.5 12.3 12.2 12.1 11.9 11.6 11.0 10.3 10.3 10.2 10.1 10.0 9.9 9.8 9.7 9.7 9.6 9.5 9.4 9.3	1431 5891 4235 8089 4357 4358 818 3500 7475 3748 7692 1681 6070 1364 5837 1986 1987 628 3193 3194 719 4302 8142 1004 1085 562 753 5367 676 5308 1269 1270 576 3551 7523 2255 2256 647 320 3921 783 2682 2683 679 2834 2835 690 4762 2251 2252 647 42510 2511 667 4136 8011 448 8265 39 40 4818 1669 1670 606 4163 8031 2196 2197 643 2421 2422 660	9 8 5 5 5 9 1 1 5 7 4 4 3 0
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<ul><li>50</li><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	Pkey 420208 451497 452838 441134 445160 422424 419628 424685 452223 417153 413916 413063 418678 442117 426600 419556 414812 447377 446921 431958 404855 428398 429083 450149 453837 406663 4223111 450390 428309 428300 428289 458079 433447	nucleic acid and Gene Name silver (mouse ho Wnt inhibitory fa preferentially exy cellular retinoic a sine oculis home prostate differen ESTs matrix metalloprimmunoglobulin hypothetical prof collagen, type II, apolipoprotein C chitinase 3-like 1 cancer/lestis and ESTs; hypothetic VGF nerve grow chitinase 1 (chito monokine induce transcription fact dopachrome tau small inducible c cadherin 3, type Target Exon tyrosinase (ocule ESTs BCL2-related pro Zic Jarrelated pro	protein sequences providences providences of the content of the co	Accession BE276055 H83294 U65011 W29092 I Al299144 Al186431 H67546 J05070 X59135 AA425467 X57010 N49813 AL035737 NM_001327 AW664964 NM_003378 U29615 X72755 X77343 elel NM_00192: AB012113 X63629 NM_000372 Al249368 Y09397 AW969781 AL138387 U24683 AF073515 234G N93227 U15979 M26301 I0 Al796870 U29195	UniGene Hs.95972 Hs.284122 Hs.30743 Hs.346950 Hs.101937 Hs.296638 Hs.49768 Hs.156110 Hs.8035 Hs.156110 Hs.8035 Hs.15615 Hs.75184 Hs.87225 Hs.128899 Hs.1 71014 Hs.91093 Hs.77367 Hs.29633 Hs.2877 Hs.2053 Hs.2877 Hs.2053 Hs.227817 Hs.2053 Hs.227817 Hs.12863 Hs.169228 Hs.348805 Hs.169228 Hs.3481220 Hs.3281	RATIO 25.1 17.5 16.5 16.3 16.1 14.8 14.8 14.8 12.9 12.6 12.3 12.2 11.9 11.0 10.3 10.3 10.2 10.0 10.0 9.9 9.8 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7	1431 5891 4235 8089 4357 4358 818 3500 7475 3748 7692 1681 6070 1364 5837 1986 1987 628 3193 3194 719 4302 8142 1084 1085 562 753 5367 676 5308 1270 576 3551 7523 2255 2256 647 1351 1352 582 647 282 5683 679 3878 3879 779 2834 2835 690 4762 2251 2252 647 2435 6614 671 436 8011 4448 8265 39 40 4818 1669 1670 606 4163 8031 2195 2197 643 2421 2422 660 4163 8031 2195 2197 643 2421 2426 660 4163 8031 2195 2427 642 2421 6426 8363 2980 2981 702	9 8 5 5 5 5 9 1 1 5 7 4 4 3 3 0
<ul><li>50</li><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	Pkey 420208 451497 452838 441134 445160 422424 419628 424687 436485 452223 417153 413916 413063 418678 442117 426600 419556 414812 447377 430377 446921 431958 404854 426555 428398 429083 450149 453837 406663 422311 450390 428289 458079 433447 431830	nucleic acid and Gene Name silver (mouse ho Wnt inhibitory fa preferentially ex, cellular retinoic a sine oculis home prostate differen ESTs matrix metallopri immunoglobulin hypothetical prot collagen, type II, apolipoprotein C chitinase 3-like 1 cancer/testis ant ESTs; hypothetic VGF nerve grow chitinase 1 (chito monokine induce transcription fact dopachrome tau small inducible c cadherin 3, type Target Exon tyrosinase (ocule ESTs BCL2-related pro Tzic family memb baculoviral IAP r immunoglobulin cytokine recepto Human DNA sec delta-like homolo complement con Homo sapiens si neuronal pentras small inducible c	protein sequences providences providences of the control of the co	ded on CD for:  Accession BE276055 H83294 U65011 W29092 A1299144 A186431 H67546 J05070 X59135 AA425467 X57010 N49813 AL035737 NM_001327 AW664964 NM_003378 U29615 X72755 X72755 X72755 X72755 AV4249368 Y09397 AU4683 AF073515 234G N93227 U15979 M26301 10 A1796870 U29195 Y16645	UniGene Hs.95972 Hs.284122 Hs.30743 Hs.346950 Hs.101937 Hs.296638 Hs.49768 Hs.151738 Hs.156110 Hs.8035 Hs.156110 Hs.8035 Hs.75184 Hs.75615 Hs.75184 Hs.8 7225 Hs.128899 Hs.171014 Hs.91093 Hs.77367 Hs.343434 2 Hs.301865 Hs.16530 Hs.2877 Hs.2 053 Hs.98558 Hs.227817 Hs.132863 Hs.27817 Hs.132863 Hs.2853 Hs.14948 Hs.2553 Hs.348805 Hs.169228 Hs.348805 Hs.348805 Hs.3281 Hs.3271387	RATIO 25.1 17.5 16.5 16.3 16.1 14.8 14.8 14.1 12.9 12.6 12.5 12.3 12.2 12.1 11.9 11.0 10.3 10.3 10.2 10.1 10.0 9.9 9.8 9.7 9.7 9.6 9.4 9.3 9.2 9.4 9.3 9.2 9.1 9.0	1431 5891 4235 8089 4357 4358 818 3500 7475 3748 7692 1681 6070 1364 5837 1986 1987 628 3193 3194 719 6302 8142 1084 1085 562 753 5367 676 5308 1269 1270 576 3551 7523 2255 2256 647 320 3921 783 2682 2683 679 2834 2835 690 4762 2251 2252 647 2435 6614 2510 2511 667 4136 8011 4448 8265 39 40 4818 1669 1670 606 4163 8031 2196 2197 643 2421 2422 660 4566 8363 2980 2981 702 2827 2828 690	9 8 5 5 5 5 9 1 1 5 7 4 4 3 3 0
<ul><li>50</li><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	Pkey 420208 420208 451497 452838 441134 445160 422424 419628 424687 436485 452223 417153 413916 413063 418678 442117 426600 419556 414812 447377 430377 430377 446921 431958 404854 426555 428398 429083 450149 453837 406663 422311 450390 428289 458079 433447 431830 408380	nucleic acid and Gene Name silver (mouse ho Whit inhibitory fa preferentially ex- cellular retinoic a sine oculis home prostate differen ESTs matrix metallopri immunoglobulin hypothetical prof collagen, type II, apolipoprotein C chitinase 3-like 1 cancer/lestis ant ESTs; hypothetic VGF nerve grow chitinase 1 (chiti monokine induce transcription fact dopachrome tau small inducible a cadherin 3, type Target Exon tyrosinase (ocule ESTs BCL2-related pro Zic family memb baculoviral IAP rimmunoglobulin cytokine recepto Human DNA see delta-like homolo complement con Homo sapiens si neuronal pentras small inducible o diubiquitin	protein sequences providences providences of the content of the co	Accession BE276055 H83294 U65011 W29092 I Al299144 Al186431 H67546 J05070 X59135 AA425467 X57010 N49813 AL035737 NM_001327 AW664964 NM_003378 U29615 X72755 X77343 elel NM_00192: AB012113 X63629 NM_000372 Al249368 Y09397 AW969781 AL138387 U24683 AF073515 234G N93227 U15979 M26301 I0 Al796870 U29195	UniGene Hs.95972 Hs.284122 Hs.30743 Hs.346950 Hs.101937 Hs.296638 Hs.49768 Hs.156110 Hs.8035 Hs.156110 Hs.8035 Hs.15615 Hs.75184 Hs.87225 Hs.128899 Hs.1 71014 Hs.91093 Hs.77367 Hs.29633 Hs.2877 Hs.2053 Hs.2877 Hs.2053 Hs.227817 Hs.2053 Hs.227817 Hs.12863 Hs.169228 Hs.348805 Hs.169228 Hs.3481220 Hs.3281	RATIO 25.1 17.5 16.5 16.3 16.1 14.8 14.1 12.9 12.6 12.3 12.3 12.3 12.2 12.1 11.9 11.0 10.3 10.3 10.3 10.2 10.1 10.0 9.9 9.8 9.7 9.6 9.5 9.7 9.6 9.5 9.9 9.9 9.9 9.0 9.0	1431 5891 4235 8089 4357 4358 818 3500 7475 3748 7692 1681 6070 1364 5837 1986 1987 628 3193 3194 719 4302 8142 1084 1085 562 753 5367 676 5308 1269 1270 576 3551 7523 2255 2256 647 1351 1352 582 2764 875 5464 3920 3921 783 2682 2683 679 2834 2835 690 4762 2251 2252 647 42510 2511 667 4136 8011 4448 8265 39 40 4818 1669 1670 606 4163 8031 1296 2197 643 2421 2422 660 4566 8363 2980 2981 702 2877 2828 699 217 218 4952	9 8 5 5 5 5 9 1 1 5 7 4 4 3 3 0
<ul><li>50</li><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li><li>80</li></ul>	Pkey 420208 451497 452838 441134 445160 422424 419628 424685 452223 417153 413916 413063 418678 442117 426600 419556 414812 447377 446921 431958 4026555 428398 429083 450149 453837 406663 422311 450390 426300 428289 458079 433447 431830 408380 403349	nucleic acid and Gene Name silver (mouse ho Wht inhibitory fa preferentially exy cellular retinoic a sine oculis home prostate differen ESTs matrix metallopri immunoglobulin hypothetical prof collagen, type II, apolipoprotein C chitinase 3-like 1 cancer/testis and ESTs; hypothetic VGF nerve grow chitinase 1 (chit monokine induce transcription fact dopachrome tau small inducible c cadherin 3, type Target Exon tyrosinase (ocule ESTs BCL2-related pro Zic family memb baculoviral IAP r immunoglobulin cytokine recepto Human DNA sec delta-like homolo complement con Homo sapiens si neuronal pentras small inducible c diubiquitin ephrin-B3	protein sequences providences providences of the content of the co	Accession BE276055 H83294 U65011 W29092 I Al299144 Al186431 H67546 J05070 X59135 AA425467 X57010 N49813 AL035737 NM_001327 AW664964 NM_003378 U29615 X777343 lelt NM_001321 AB012113 X63629 NM_000372 Al249368 Y09397 I AW969781 AL138387 U24683 AF0735515 234G N93227 U15979 M26301 10 Al796870 U29195 Y16645 AF123050	UniGene Hs.95972 Hs.284122 Hs.30743 Hs.346950 Hs.101937 Hs.296638 Hs.49768 Hs.151738 Hs.156110 Hs.8035 Hs.156110 Hs.8035 Hs.75184 Hs.75615 Hs.75184 Hs.87225 Hs.128899 Hs.1 71014 Hs.91093 Hs.77367 Hs.2877 Hs.2878 Hs.2053 Hs.2877 Hs.2053 Hs.9184805 Hs.16928 Hs.14948 Hs.348805 Hs.169228 Hs.348805 Hs.169228 Hs.3281 Hs.271387 Hs.3281 Hs.271387 Hs.44532	RATIO 25.1 17.5 16.5 16.3 16.1 14.8 14.8 14.1 12.9 12.6 12.3 12.3 12.2 12.1 11.9 11.0 10.3 10.3 10.3 10.3 10.9 9.8 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7 9.7	1431 5891 4235 8089 4357 4358 818 3500 7475 3748 7692 1681 6070 1364 5837 1986 1987 628 3193 3194 719 4302 8142 1084 1085 562 753 5367 676 5308 1269 1270 576 3551 7523 2255 2256 647 1351 1352 582 682 2683 679 3878 3879 779 2476 2435 6614 2251 2251 2256 471 4136 8011 4448 8265 3940 4818 1669 1670 606 4163 8031 2196 2197 643 2421 2422 660 4566 8363 2980 2981 702 827 2828 6950 217 218 4952 4714	9 8 5 5 5 5 9 1 1 5 7 4 4 3 3 0
<ul><li>50</li><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	Pkey 420208 420208 451497 452838 441134 445160 422424 419628 424687 436485 452223 417153 413916 413063 418678 442117 426600 419556 414812 447377 430377 430377 446921 431958 404854 426555 428398 429083 450149 453837 406663 422311 450390 428289 458079 433447 431830 408380	nucleic acid and Gene Name silver (mouse ho Whit inhibitory fa preferentially ex- cellular retinoic a sine oculis home prostate differen ESTs matrix metallopri immunoglobulin hypothetical prof collagen, type II, apolipoprotein C chitinase 3-like 1 cancer/lestis ant ESTs; hypothetic VGF nerve grow chitinase 1 (chiti monokine induce transcription fact dopachrome tau small inducible a cadherin 3, type Target Exon tyrosinase (ocule ESTs BCL2-related pro Zic family memb baculoviral IAP rimmunoglobulin cytokine recepto Human DNA see delta-like homolo complement con Homo sapiens si neuronal pentras small inducible o diubiquitin	protein sequences providences providences of the content of the co	ded on CD for:  Accession BE276055 H83294 U65011 W29092 A1299144 A186431 H67546 J05070 X59135 AA425467 X57010 N49813 AL035737 NM_001327 AW664964 NM_003378 U29615 X72755 X72755 X72755 X72755 AV4249368 Y09397 AU4683 AF073515 234G N93227 U15979 M26301 10 A1796870 U29195 Y16645	UniGene Hs.95972 Hs.284122 Hs.30743 Hs.346950 Hs.101937 Hs.296638 Hs.49768 Hs.151738 Hs.156110 Hs.8035 Hs.156110 Hs.8035 Hs.75184 Hs.75615 Hs.75184 Hs.8 7225 Hs.128899 Hs.171014 Hs.91093 Hs.77367 Hs.343434 2 Hs.301865 Hs.16530 Hs.2877 Hs.2 053 Hs.98558 Hs.227817 Hs.132863 Hs.27817 Hs.132863 Hs.2853 Hs.14948 Hs.2553 Hs.348805 Hs.169228 Hs.348805 Hs.348805 Hs.3281 Hs.3271387	RATIO 25.1 17.5 16.5 16.3 16.1 14.8 14.1 12.9 12.6 12.3 12.3 12.3 12.2 12.1 11.9 11.0 10.3 10.3 10.3 10.2 10.1 10.0 9.9 9.8 9.7 9.6 9.5 9.7 9.6 9.5 9.9 9.9 9.9 9.0 9.0	1431 5891 4235 8089 4357 4358 818 3500 7475 3748 7692 1681 6070 1364 5837 1986 1987 628 3193 3194 719 4302 8142 1084 1085 562 753 5367 676 5308 1269 1270 576 3551 7523 2255 2256 647 1351 1352 582 2764 875 5464 3920 3921 783 2682 2683 679 2834 2835 690 4762 2251 2252 647 42510 2511 667 4136 8011 4448 8265 39 40 4818 1669 1670 606 4163 8031 1296 2197 643 2421 2422 660 4566 8363 2980 2981 702 2877 2828 699 217 218 4952	9 8 5 5 5 5 9 1 1 5 7 4 4 3 3 0

	427527	immunoglobulin heavy constant mu	AI809057	Hs.153261	8.9	2340 6536
	427634	hypothetical protein MGC10820	Al399745	Hs.18449	8.8	2352 6546
	451668	cartilage acidic protein 1	Z43948	Hs.326444	8.8	4242 8094
	412104	Homo sapiens, Similar to RIKEN cDNA 22			8.8	569 5220
5	418054	lysyl oxidase-like 2			8.8	1184 1185 5702
,			NM_002318			
	424001	paternally expressed 10	W67883	Hs.137476	8.7	1882 6217
	430822	glyceraldehyde-3-phosphate dehydrogena		Hs.248017	8.7	2729 2730 6827
	419833	Homo sapiens tryptophanyl-tRNA synthet	a AA251131	Hs.220697	8.7	1388 5856
	447499	protocadherin beta 16	AW262580	Hs.147674	8.6	3934 7842
10	418506	Unknown protein for MGC:29643 (formerly	y AA084248	Hs.372651	8.6	1247 5748
	434449	hypothetical protein FLJ22041 similar t	AW953484	Hs.3849	8.5	3057 7083
	417308	KIAA0101 gene product	H60720	Hs.81892	8.4	1094 5634
	447210	phosphatidylserine-specific phospholipa	AF035269	Hs.17752	8.4	3902 3903 7818
15	416640	neuron-specific protein	BE262478	Hs.13406	8.4	1019 5576
15	407233	carcinoembryonic antigen-related cell a	X16354	Hs.50964	8.3	126 127 4877
	417389	midkine (neurite growth-promoting facto	BE260964	Hs.82045	8.3	1109 5647
	408915	heptacellular carcinoma novel gene-3 pr	NM_016651	Hs.4 8950	8.2	274 275 4998
	409361	sine oculis homeobox (Drosophila) homol	NM_005982	Hs.5 4416	8.2	344 345 5049
	437898	ESTs	W81260	Hs.43410	8.0	3293 7286
20	406837	immunoglobulin kappa constant	R70292	Hs.156110	7.9	69 4836
	418867	msh (Drosophila) homeo box homolog 2	D31771	Hs.89404	7.9	1277 1278 5772
	406672	major histocompatibility complex, class	M26041	Hs.198253	7.9	43 44 4820
	441633	normal mucosa of esophagus specific 1	AW958544	Hs.112242	7.8	3529 7501
25	428227	small inducible cytokine subfamily B (C	AA321649	Hs.2248	7.7	2410 6593
25	424170	hypothetical protein MGC2827	AA337449	Hs.8035	7.7	1908 6236
	421563	granulysin	NM_006433	Hs.1 05806	7.7	1561 1562 5983
	421592	bagpipe homeobox (Drosophila) homolog	1 AF009801	Hs.105941	7.7	1569 1570 5988
	438915	Williams-Beuren syndrome chromosome i			7.6	3365 7348
	424800	MyoD family inhibitor	AL035588	Hs.153203	7.6	2002 2003 6300
30				Hs.112208		
50	409103	XAGE-1 protein	AF251237	FIS. 112200	7.6	304 305 5021
	402992	Target Exon			7.6	4700
	406684	carcinoembryonic antigen-related cell a	X16354	Hs.50964	7.6	126 127 4822
	418064	S100 calcium-binding protein, beta (neu	BE387287	Hs.83384	7.6	1188 5705
	442711	hypothetical protein	AF151073	Hs.8645	7.5	3579 3580 7549
35	410361	guanylate binding protein 1, interferon	BE391804	Hs.62661	7.5	456 5132
	440042	ESTs	AI073387	Hs.133898	7.4	3448 7430
	418140	microfibrillar-associated protein 2	BE613836	Hs.83551	7.4	1196 5713
	411027	leukocyte immunoglobulin-like receptor,	AF072099	Hs.67846	7.3	509 510 5170
40	446619	secreted phosphoprotein 1 (osteopontin,	AU076643	Hs.313	7.3	3861 7782
40	434175	ESTs	AW979081	Hs.165469	7.3	3032 7065
	431779	apolipoprotein C-I	AW971178	Hs.268571	7.3	2820 6894
	452203	transporter 1, ATP-binding cassette, su	X57522	Hs.352018	7.3	4298 4299 8140
	419741	ubiquitin carrier protein E2-C	NM_007019	Hs.9 3002	7.3	1379 1380 5850
	406698	major histocompatibility complex, class	X03068	Hs.73931	7.2	51 52 4824
45	417355	endothelin receptor type B	D13168	Hs.82002	7.2	1100 1101 5640
	448357				7.2	3994 7893
		RAB38, member RAS oncogene family	N20169	Hs.108923		
	417437	interferon regulatory factor 4	U52682	Hs.82132	7.2	1123 1124 5656
	427558	growth differentiation factor 10	D49493	Hs.2171	7.2	2345 2346 6540
<b>5</b> 0	420267	ESTs	N37030	Hs.173337	7.2	1441 5898
50	432247	ESTs	AA531287	Hs.105805	7.2	2859 6923
	432800	AIM-1 protein	BE391046	Hs.278962	7.1	2909 6964
	452862	ADAMTS2 (a disintegrin-like and metall	AW378065	Hs.8687	7.1	4360 8190
	414312	ESTs	AA155694	Hs.191060	7.0	800 5407
	421815	membrane protein CH1	AW592146	Hs.108636	7.0	1598 6009
55	448140		AF146761	Hs.20450	7.0	3980 3981 7882
55		BCM-like membrane protein precursor				
	409327	collagen, type IX, alpha 3	L41162	Hs.53563	7.0	341 342 5047
	427961	ESTs	AW293165 ·		6.9	2388 6575
	415989	ESTs	AI267700	Hs.351201	6.9	962 5530
<b>CO</b>	415052	mesenchyme homeo box 2 (growth arrest-	-s NM_005924	Hs.77858	6.9	904 905 5485
60	443184	ESTs	AI638728	Hs.135159	6.8	3607 7574
	414299	ESTs	AA142989	Hs.71730	6.8	799 5406
	424326	ADAM-like disintegrin protease, decysin	NM_014479		6.7	1934 1935 6252
	409007	Homo sapiens mRNA; cDNA DKFZp434G				292 5012
	410889 .		X91662	Hs.66744	6.7	501 502 5164
65	447674	cyclin-dependent kinase 2	BE270640	Hs.19192	6.6	3947 7854
55				113.13132		
	406367	NM_022357:Homo sapiens putative metal		44405	6.6	4804
	438568	major histocompatibility complex, class		Hs.11135	6.6	3336 7324
	421458	carbohydrate (keratan sulfate Gal-6) su	NM_003654		6.6	1543 1544 5972
<b>7</b> 0	414821	Fc fragment of IgG, high affinity Ia, r	M63835	Hs.77424	6.6	876 877 5465
70	407792	putative secreted ligand homologous to	AI077715	Hs.39384	6.6	162 4906
	420602	regulator of G-protein signalling 20	AF060877	Hs.99236	6.5	1469 1470 5918
	404378	C7000450*:gi]7768636[dbi]BAA95483.1] (			6.5	4746
	426991	Homo sapiens cDNA FLJ10674 fis, clone		Hs.214410	6.5	2294 6502
	449969	Homo sapiens cDNA FLJ14337 fis, clone			6.5	4123 8001
75						
15	418203	CDC28 protein kinase 2	X54942	Hs.83758	6.5	1202 1203 5719
	432098	cytochrome P450 retinoid metabolizing p		Hs.91546	6.5	2839 2840 6908
	429986	sine oculis homeobox (Drosophila) homol		Hs.227277	6.5	2632 2633 6759
	453883	cofactor required for Sp1 transcription	AI638516	Hs.347524	6.5	4459 8273
	401797	Target Exon			6.5	4663
80	445337	fibronectin leucine rich transmembrane	NM_013280	Hs.1 2523	6.5	3760 3761 7701
	408212	hypothetical protein	AA297567	Hs.43728	6.5	206 4945
	406868	immunoglobulin heavy constant gamma 3		Hs.300697	6.5	72 4839
	421379	small inducible cytokine subfamily B (C	Y15221	Hs.103982	6.4	1535 1536 5967
85	417370	tryptophanyl-tRNA synthetase	T28651	Hs.374466	6.4	1105 5643
85	417166	Paired box protein Pax-3	AA431323	Hs.42146	6.4	1088 5628
	403404	Target Exon			6.4	4718

			. = = . = =			
	433001	clone HQ0310 PRO0310p1	AF217513	Hs.279905	6.4	2923 2924 6977
	412140	RAB6 interacting, kinesin-like (rabkine	AA219691	Hs.73625	6.4	573 5223
	423673	matrix metalloproteinase 12 (macrophage		Hs.1695	6.3	1837 6186
_	421241	transketolase-like 1	X91817	Hs.102866	6.3	1519 1520 5956
5	447217	neuropilin 2	BE465754	Hs.17778	6.3	3904 7819
	425397	topoisomerase (DNA) II alpha (170kD)	J04088	Hs.156346	6.3	2099 2100 6369
	436557	ESTs. Weakly similar to A47582 B-cell g	W15573	Hs.271272	6.3	3201 7203
	449294	ESTs	Al651786	Hs.195045	6.3	4079 7961
	448961	ESTs	Al610643	Hs.187285	6.3	4052 7937
10	423739	ESTs	AA398155	Hs.97600	6.3	1842 6190
- 0						
	416208	ESTs, Weakly similar to MUC2_HUMAN I				981 5548
	431290	cadherin-like 22	AF035300	Hs.264157	6.2	2771 2772 6857
	433075	sortilin 1	NM_002959	Hs 3 51872	6.2	2936 2937 6987
1.5	406621	immunoglobulin lambda locus	X57809	Hs.181125	6.1	26 27 4810
15	438549	trinucleotide repeat containing 3	BE386801	Hs.21858	6.1	3331 7320
	448390	hypothetical protein	AL035414	Hs.21068	6.1	3999 7897
	428865	BarH-like homeobox 1	BE544095	Hs.164960	6.1	2485 6651
	424408	collagen, type V, alpha 1	Al754813	Hs.146428	6.1	1943 6260
	413385	indoleamine-pyrrole 2,3 dioxygenase	M34455	Hs.840	6.1	710 711 5331
20	404815	ENSP00000251989*:DJ100N22.1 (NOVE	I FGF-		6.0	4761
				11- 240440		
	400295	AI905687:IL-BT095-190199-019 BT095 H		Hs.348419	6.0	6 4617
	442432	hypothetical protein FLJ23468	BE093589	Hs.38178	6.0	3563 7535
	443426	chromosome 20 open reading frame 1	AF098158	Hs.9329	6.0	3621 3622 7586
	436481				6.0	
25		HSPC150 protein similar to ubiquitin-co	AA379597	Hs.5199		3192 7197
25	422846	neutrophil cytosolic factor 1 (47kD, ch	BE513934	Hs.1583	6.0	1749 6120
	436396	wingless-type MMTV integration site fam	AI683487	Hs.152213	6.0	3184 7189
	444381	hypothetical protein BC014245	BE387335	Hs.283713	5.9	3697 7652
				113.2037 13		
	404030	NM_015669*:Homo sapiens protocadheri			5.9	4735
	434916	Homo sapiens, Similar to RIKEN cDNA 11	l1 AF161383	Hs.284207	5.9	3091 3092 7111
30	402888	Target Exon			5.9	4698
-		ESTs	A A 002 424	Ha 6706		4409 8232
	453271		AA903424	Hs.6786	5.9	
	409637	Homo sapiens mRNA; cDNA DKFZp434K	.0621 ( AA323	948 Hs.55407	' 5.8	372 5069
	403857	Target Exon			5.8	4730
	422910	Human DNA sequence from PAC 257A7	on ch A126050	R He 101070		1758 6127
35						
33	441544	ESTs	AW300043	Hs.127137	5.8	3523 7496
	415323	neutrophil cytosolic factor 2 (65kD, ch	BE269352	Hs.949	5.8	923 5499
	409415	Homo sapiens cDNA: FLJ21028 fis, clone	ΔΔ579258	Hs.6083	5.8	347 5051
	433068	sialyltransferase	NM_006456		5.8	2934 2935 6986
	430643	MEGF10 protein	AW970065	Hs.287425	5.8	2717 6817
40	407826	calpain 3, (p94)	AA128423	Hs.40300	5.8	167 4911
. •						
	441859	interleukin-4 induced gene-1 protein (F	AW194364	Hs.380444	5.8	3540 7512
	447414	пеuroblastoma (nerve tissue) protein	D82343	Hs.74376	5.8	3924 3925 7834
	457869	Homo sapiens, alpha-1 (VI) collagen	AU077186	Hs.108885	5.8	4561 8359
	451766	ephrin-B3	NM_001406		5.8	4255 4256 8104
45		•				
43	448719	trinucleotide repeat containing 3	AA033627	Hs.21858	5.8	4028 7920
	413794	myosin X	AF234532	Hs.61638	5.7	741 742 5357
	452620	EŚTs	AA436504	Hs.119286	5.7	4338 8172
	411252	MD-2 protein	AB018549	Hs.69328	5.7	521 522 5181
	427528	minichromosome maintenance deficient (	S AU077143	Hs.179565	5.7	2341 6537
50	423013	secreted modular calcium-binding protei	AW875443	Hs.22209	5.7	1769 6135
•	446291		BE397753	Hs.14623	5.7	
		interferon, gamma-inducible protein 30				3833 7760
	425234	ESTs, Weakly similar to I38022 hypothet	AW152225	Hs.165909	5.6	2070 6349
	420028	carbohydrate (N-acetylglucosamine-6-0)	AB014680	Hs.8786	5.6	1408 1409 5872
	405542	Target Exon			5.6	4789
55			4 D007000			
55	453173	KIAA0442 protein	AB007902	Hs.32168	5.6	4397 4398 8223
	437044	differentially expressed in Fanconi's a	AL035864	Hs.69517	5.6	3233 7232
	428484	solute carrier family 7 (cationic amino	AF104032	Hs.184601	5.6	2449 2450 6624
	440650	Human DNA sequence from PAC 75N13			5.6	3477 7455
	449722	cyclin 81	BE280074	Hs.23960	5.6	4112 7990
60	435124	ESTs	AA725362	Hs.75514	5.6	3107 7125
	429359	matrix metalloproteinase 14 (membrane-i		Hs.2399	5.6	2551 6702
	421633	sorting nexin 10	AF121860	Hs.106260	5.6	1572 1573 5990
	426514	bone morphogenetic protein 7 (osteogeni	BF616633	Hs.170195	5.6	2246 6470
	436608	down syndrome critical region protein D	AA628980	Hs.192371	5.6	3205 7207
65	418110	hypothetical protein FLJ22202	R43523	Hs.217754	5.6	1193 5710
55						
	427923	FGENESH predicted 11 TM protein	AW274357	Hs.301406	5.6	2385 6572
	429903	cyclin-dependent kinase 5, regulatory s	AL134197	Hs.93597	5.6	2616 6746
	451763	hypothetical protein FLJ14220	AW294647	Hs.233634	5.6	4254 8103
70	408209	ets variant gene 5 (ets-related molecul	NM_004454	HS.4 JO97	5.6	204 205 4944
70						
	443378	proteasome (prosome, macropain) subuni	t AW392550	Hs.381081	5.6	3618 7584
	452194	olfactory receptor, family 2, subfamily	A1694413	Hs.373599	5.6	4295 8137
	452194 452363	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor	Al694413 n Al582743	Hs.373599 Hs.94953	5.6 5.6	4295 8137 4322 8159
	452194 452363 438746	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor Human melanoma-associated antigen p9	A1694413 n A1582743 7 ( A1885815	Hs.373599 Hs.94953 Hs.184727	5.6 5.6 5.5	4295 8137 4322 8159 3353 7337
	452194 452363	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor	Al694413 n Al582743	Hs.373599 Hs.94953 Hs.184727	5.6 5.6	4295 8137 4322 8159
75	452194 452363 438746 429170	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor Human melanoma-associated antigen p9 dual specificity phosphatase 4	Al694413 n Al582743 7 ( Al885815 NM_001394	Hs.373599 Hs.94953 Hs.184727 Hs.2 359	5.6 5.6 5.5 5.5	4295 8137 4322 8159 3353 7337 2524 2525 6680
75	452194 452363 438746 429170 419236	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor Human melanoma-associated antigen p9 dual specificity phosphatase 4 Homo sapiens cDNA FLJ11481 fis, clone	Al694413 n Al582743 7 ( Al885815 NM_001394 H AA330447	Hs.373599 Hs.94953 Hs.184727 Hs.2 359 Hs.135159	5.6 5.5 5.5 5.5 5.5	4295 8137 4322 8159 3353 7337 2524 2525 6680 1321 5805
75	452194 452363 438746 429170 419236 452319	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor Human melanoma-associated antigen p9 dual specificity phosphatase 4 Homo sapiens cDNA FLJ11481 fis, clone transducin-like enhancer of split 1, ho	Al694413 n Al582743 7 ( Al885815 NM_001394 H AA330447 M99435	Hs.373599 Hs.94953 Hs.184727 Hs.2 359	5.6 5.5 5.5 5.5 5.5 5.5	4295 8137 4322 8159 3353 7337 2524 2525 6680 1321 5805 4313 4314 8152
75	452194 452363 438746 429170 419236	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor Human melanoma-associated antigen p9 dual specificity phosphatase 4 Homo sapiens cDNA FLJ11481 fis, clone	Al694413 n Al582743 7 ( Al885815 NM_001394 H AA330447 M99435	Hs.373599 Hs.94953 Hs.184727 Hs.2 359 Hs.135159	5.6 5.5 5.5 5.5 5.5	4295 8137 4322 8159 3353 7337 2524 2525 6680 1321 5805
75	452194 452363 438746 429170 419236 452319 406782	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor Human melanoma-associated antigen p9 dual specificity phosphatase 4 Homo sapiens cDNA FLJ11481 fis, clone transducin-like enhancer of split 1, ho gb:zw20f11.s1 Soares ovary tumor NbHO	A1694413 n A1582743 7 ( A1885815 NM_001394 H AA330447 M99435 T AA430373	Hs.373599 Hs.94953 Hs.184727 Hs.2 359 Hs.135159 Hs.28935	5.6 5.5 5.5 5.5 5.5 5.5 5.5	4295 8137 4322 8159 3353 7337 2524 2525 6680 1321 5805 4313 4314 8152 65 4832
75	452194 452363 438746 429170 419236 452319 406782 430439	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor human melanoma-associated antigen p9 dual specificity phosphatase 4 Homo sapiens cDNA FLJ11481 fis, clone transducin-like enhancer of split 1, ho gb:zw2011.s1 Soares ovary tumor NbHO DKFZP434B061 protein	Al694413 n Al582743 7 ( Al885815 NM_001394 H AA330447 M99435 T AA430373 AL133561	Hs.373599 Hs.94953 Hs.184727 Hs.2 359 Hs.135159 Hs.28935 Hs.380155	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5	4295 8137 4322 8159 3353 7337 2524 2525 6680 1321 5805 4313 4314 8152 65 4832 2695 2696 6803
	452194 452363 438746 429170 419236 452319 406782 430439 453392	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor Human melanoma-associated antigen p9 dual specificity phosphatase 4 Homo sapiens cDNA FLJ11481 fis, clone transducin-like enhancer of split 1, ho gb:zw20f11.s1 Soares ovary tumor NbHO DKFZP434B061 protein SRY (sex determining region Y)-box 11	Al694413 n Al582743 7 ( Al885815 NM_001394 H AA330447 M99435 T AA430373 AL133561 U23752	Hs.373599 Hs.94953 Hs.184727 Hs.2 359 Hs.135159 Hs.28935 Hs.380155 Hs.32964	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	4295 8137 4322 8159 3353 7337 2524 2525 6680 1321 5805 4313 4314 8152 65 4832 2695 2696 6803 4416 4417 8239
75 80	452194 452363 438746 429170 419236 452319 406782 430439 453392 420842	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor Human melanoma-associated antigen p9: dual specificity phosphatase 4 Homo sapiens cDNA FLJ11481 fis, clone transducin-like enhancer of split 1, ho gb:zw20f11.s1 Soares ovary tumor NbHO DKFZP434B061 protein SRY (sex determining region Y)-box 11 hypothetical protein MGC10986	A1694413 n A1582743 7 ( A1885815 NM_001394 H AA330447 M99435 T AA430373 AL133561 U23752 A1083668	Hs.373599 Hs.94953 Hs.184727 Hs.2 359 Hs.135159 Hs.28935 Hs.380155 Hs.32964 Hs.50601	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	4295 8137 4322 8159 3353 7337 2524 2525 6680 1321 5805 4313 4314 8152 65 4832 2695 2696 6803 4416 4417 8239 1485 5929
	452194 452363 438746 429170 419236 452319 406782 430439 453392	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor Human melanoma-associated antigen p9 dual specificity phosphatase 4 Homo sapiens cDNA FLJ11481 fis, clone transducin-like enhancer of split 1, ho gb:zw20f11.s1 Soares ovary tumor NbHO DKFZP434B061 protein SRY (sex determining region Y)-box 11	A1694413 n A1582743 7 ( A1885815 NM_001394 H AA330447 M99435 T AA430373 AL133561 U23752 A1083668	Hs.373599 Hs.94953 Hs.184727 Hs.2 359 Hs.135159 Hs.28935 Hs.380155 Hs.32964 Hs.50601	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	4295 8137 4322 8159 3353 7337 2524 2525 6680 1321 5805 4313 4314 8152 65 4832 2695 2696 6803 4416 4417 8239
	452194 452363 438746 429170 419236 452319 406782 430439 453392 420842 413367	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor Human melanoma-associated antigen p9 dual specificity phosphatase 4 Homo sapiens cDNA FLJ11481 fis, clone transducin-like enhancer of split 1, ho gb:zw20f11.s1 Soares ovary tumor NbHO DKFZP434B061 protein SRY (sex determining region Y)-box 11 hypothetical protein MGC10986 solute carrier family 16 (monocarboxyli	Al694413 n Al582743 7 ( Al885815 NM_001394 H AA330447 M99435 T AA430373 AL133561 U23752 Al083668 NM_006517	Hs.373599 Hs.94953 Hs.184727 Hs.2 359 Hs.135159 Hs.28935 Hs.380155 Hs.32964 Hs.50601 Hs.7 5317	5.6 5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	4295 8137 4322 8159 3353 7337 2524 2525 6680 1321 5805 4313 4314 8152 65 4832 2695 2696 6803 4416 4417 8239 1485 5929 706 707 5329
	452194 452363 438746 429170 419236 452319 406782 430439 453392 420842 413367 448985	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor human melanoma-associated antigen p9 dual specificity phosphatase 4 Homo sapiens cDNA FLJ11481 fis, clone transducin-like enhancer of split 1, ho gb:zw2011.s1 Soares ovary turnor NbHO DKFZP4348061 protein SRY (sex determining region Y)-box 11 hypothetical protein MGC10986 solute carrier family 16 (monocarboxyli carbonic anhydrase XI	A1694413 n A1582743 7 ( A1885815 NM_001394 H AA330447 M99435 T AA430373 AL133561 U23752 A1083668 NM_006517 AA324885	Hs.373599 Hs.94953 Hs.184727 Hs.2 359 Hs.135159 Hs.28935 Hs.380155 Hs.32964 Hs.50601 Hs.7 5317 Hs.22777	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	4295 8137 4322 8159 3353 7337 2524 2525 6680 1321 5805 4313 4314 8152 65 4832 2695 2696 6803 4416 4417 8239 1485 5929 706 707 5329 4054 7939
	452194 452363 438746 429170 419236 452319 406782 430439 453392 420842 413367 448985 412939	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor Human melanoma-associated antigen p9 dual specificity phosphatase 4 Homo sapiens cDNA FLJ11481 fis, clone transducin-like enhancer of split 1, ho gb:zw20f11.s1 Soares ovary tumor NbHO DKFZP434B061 protein SRY (sex determining region Y)-box 11 hypothetical protein MGC10986 solute carrier family 16 (monocarboxyli carbonic anhydrase XI eukaryotic translation elongation facto	A1694413 n A1582743 7 ( A1885815 NM_001394 H AA330447 M99435 T AA430373 AL133561 U23752 A1083668 NM_006517 AA324885 AW411491	Hs.373599 Hs.94953 Hs.184727 Hs.2 359 Hs.135159 Hs.28935 Hs.380155 Hs.32964 Hs.50601 Hs.22777 Hs.22777 Hs.75069	5.6 5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	4295 8137 4322 8159 3353 7337 2524 2525 6680 1321 5805 4313 4314 8152 65 4832 2695 2696 6803 4416 4417 8239 1485 5929 706 707 5329 4054 7939 657 5292
80	452194 452363 438746 429170 419236 452319 406782 430439 453392 420842 413367 448985	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor human melanoma-associated antigen p9 dual specificity phosphatase 4 Homo sapiens cDNA FLJ11481 fis, clone transducin-like enhancer of split 1, ho gb:zw2011.s1 Soares ovary turnor NbHO DKFZP4348061 protein SRY (sex determining region Y)-box 11 hypothetical protein MGC10986 solute carrier family 16 (monocarboxyli carbonic anhydrase XI	A1694413 n A1582743 7 ( A1885815 NM_001394 H AA330447 M99435 T AA430373 AL133561 U23752 A1083668 NM_006517 AA324885 AW411491	Hs.373599 Hs.94953 Hs.184727 Hs.2 359 Hs.135159 Hs.28935 Hs.380155 Hs.32964 Hs.50601 Hs.7 5317 Hs.22777	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	4295 8137 4322 8159 3353 7337 2524 2525 6680 1321 5805 4313 4314 8152 65 4832 2695 2696 6803 4416 4417 8239 1485 5929 706 707 5329 4054 7939
80	452194 452363 438746 429170 419236 452319 406782 430439 453392 420842 413367 448985 412939 400229	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor Human melanoma-associated antigen p93 dual specificity phosphatase 4 Homo sapiens cDNA FLJ11481 fis, clone transducin-like enhancer of split 1, ho gb:zw2011.s1 Soares ovary tumor NbHO DKFZP434B061 protein SRY (sex determining region Y)-box 11 hypothetical protein MGC10986 solute carrier family 16 (monocarboxyli carbonic anhydrase XI eukaryotic translation elongation facto NM_021724*:Homo sapiens nuclear recei	A1694413 n A1582743 7 ( A1885815 NM_001394 H AA330447 M99435 T AA430373 AL133561 U23752 A1083668 NM_006517 AA324885 AW411491	Hs.373599 Hs.94953 Hs.184727 Hs.2 359 Hs.135159 Hs.28935 Hs.380155 Hs.32964 Hs.50601 Hs.7 5317 Hs.22777 Hs.27777 Hs.75069 Hs.276916	5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	4295 8137 4322 8159 3533 7337 2524 2525 6680 1321 5805 4313 4314 8152 65 4832 2695 2696 6803 4416 4417 8239 1485 5929 706 707 5329 4054 7939 657 5292 4602
	452194 452363 438746 429170 419236 452319 406782 430439 453392 420842 413367 448985 412939	olfactory receptor, family 2, subfamily Homo sapiens, Similar to complement cor Human melanoma-associated antigen p9 dual specificity phosphatase 4 Homo sapiens cDNA FLJ11481 fis, clone transducin-like enhancer of split 1, ho gb:zw20f11.s1 Soares ovary tumor NbHO DKFZP434B061 protein SRY (sex determining region Y)-box 11 hypothetical protein MGC10986 solute carrier family 16 (monocarboxyli carbonic anhydrase XI eukaryotic translation elongation facto	A1694413 n A1582743 7 ( A1885815 NM_001394 H AA330447 M99435 T AA430373 AL133561 U23752 A1083668 NM_006517 AA324885 AW411491	Hs.373599 Hs.94953 Hs.184727 Hs.2 359 Hs.135159 Hs.28935 Hs.380155 Hs.32964 Hs.50601 Hs.22777 Hs.22777 Hs.75069	5.6 5.6 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	4295 8137 4322 8159 3353 7337 2524 2525 6680 1321 5805 4313 4314 8152 65 4832 2695 2696 6803 4416 4417 8239 1485 5929 706 707 5329 4054 7939 657 5292

	406836	immunoglobulin kappa constant	AW514501	Hs.156110	5.5	68 4835
	404240	NM_018950:Homo sapiens major histoco			5.4	4742
	428949	hypothetical protein DKFZp434J0617	AA442153	Hs.104744	5.4	2490 6655
_	407846	Cbp/p300-interacting transactivator, wi	AA426202	Hs.40403	5.4	169 4913
5	458208	ESTs, Weakly similar to T4S4_HUMAN T			5.4	4570 8367
	423639	KIAA1405 protein	AB037826	Hs.130411	5.4	1831 1832 6183
	405451	Homo sapiens glutaminyl-peptide cyclotr			5.4	4783
	400263	Eos Control	15001511	Hs.75309	5.4	4613
10	417007	chloride channel 7	AF224741	Hs.80768	5.4	1058 1059 5604
10	403402	Target Exon			5.3	4717
	418956	KIAA0788 protein	AA234831	Hs.348493	5.3	1287 5778
	452698	chemokine (C-C motif) receptor 1	NM_001295		5.3	4343 4344 8177
	424481	proteolipid protein 1 (Pelizaeus-Merzba	R19453	Hs.1787	5.3	1960 6272
15	450056	ESTs, Weakly similar to \$71512 hypothet		Hs.502	5.3	4129 8005
15	416406	lipoma HMGIC fusion partner-like 2	D86961	Hs.79299	5.3	1001 1002 5564
	446142	ESTs	AI754693	Hs.145968	5.3	3820 7748
	402474	NM_004079:Homo sapiens cathepsin S (			5.3	4682
	411089	cell division cycle 2-like 1 (PITSLRE p	AA456454	Hs.214291	5.3	513 5173
20	406636	gb:Homo sapiens (clone WR4.12VL) anti-		L12064	5.3	32 33 4814
20	419749	sparc/osteonectin, cwcv and kazal-like	X73608	Hs.93029	5.2	1383 1384 5852
	409430	splicing factor, arginine/serine-rich 5	R21945	Hs.346735	5.2	348 5052
	416975	granzyme B (granzyme 2, cytotoxic T-lym			5.2	1052 1053 5600
	436771	ESTs	AW975687	Hs.292979	5.2	3214 7215
25	413936	serine (or cysteine) proteinase inhibit	AF113676	Hs.297681	5.2	755 756 5369
25	418883	acid phosphatase 5, tartrate resistant	BE387036	Hs.1211	5.2	1281 5774
	456974	apolipoprotein E	M12529	Hs.169401	5.2	4536 4537 8338
	410011	PFTAIRE protein kinase 1	AB020641	Hs.57856	5.2	406 407 5096
	448075	ESTs, Weakly similar to alpha-1 type 2	AW583284	Hs.286747	5.2	3975 7877
20	443907	TYRO protein tyrosine kinase binding pr	AU076484	Hs.9963	5.2	3656 7617
30	443021	lg superfamily protein	AA368546	Hs.8904	5.2	3593 7561
	407239	leukocyte immunoglobulin-like receptor,	AA076350	Hs.67846	5.1	129 4879
	425262	GS3955 protein	D87119	Hs.155418	5.1	2076 2077 6354
	422836	AKAP-binding sperm protein ropporin	AL037365	Hs.194093	5.1	1748 6119
25	417728	KIAA1573 protein	AW138437	Hs.24790	5.1	1151 5675
35	432485	CDW52 antigen (CAMPATH-1 antigen)	\N90866	Hs.276770	5.1	2877 6939
	424825	procollagen-lysine, 2-oxoglutarate 5-di	AF207069	Hs.153357	5.1	2005 2006 6302
	443071	complement component 1, q subcompone			5.1	3598 7566
	432693	ESTs	AW449630	Hs.293790	5.1	2900 6958
40	414034	early development regulator 1 (homolog	U89277	Hs.305985	5.1	771 772 5381
40	409197	chromosome 11 open reading frame 24	N54706	Hs.303025	5.1	322 5035
	446659	ESTs	AI335361	Hs.226376	5.1	3865 7786
	419870	phosphoprotein associated with GEMs	AW403911	Hs.266175	5.1	1390 5858
	433671	19A24 protein	AW138797	Hs.132906	5.1,	3000 7036
15	428862	SRY (sex determining region Y)-box 9 (c	NM_000346		5.1	2483 2484 6650
45	424378	neural cell adhesion molecule 1	W28020	Hs.167988	5.1	1940 6257
	448569	signal transducer and activator of tran	BE382657	Hs.21486	5.1	4014 7909
	415752	putative transmembrane protein	BE314524	Hs.78776	5.1	945 5517
	420568	protocadherin alpha 10	F09247	Hs.247735	5.1	1462 5913
50	407597	Homo sapiens brother of CDO (BOC) mR			5.0	143 4889
50	409893	minichromosome maintenance deficient (		Hs.57101	5.0	397 5088
	426418	collagen, type IV, alpha 5 (Alport synd	M90464	Hs.169825	5.0	2220 2221 6454
	438937	ESTs	AW952654	Hs.73964	5.0	3367 7350
	417796	ESTs	AA206141	Hs.367818	5.0	1159 5682
55	400235	NM_005336:Homo sapiens high density li		Hs.177516	5.0	4604
55	436748	collagen, type VI, alpha 2	BE159107	Hs.159263	5.0	3212 7213
	403668	Target Exon			5.0	4727
	437330	Homo sapiens mRNA; cDNA DKFZp761J				3253 7250
	434431	ESTs	AW131454	Hs.168571	5.0	3056 7082
60	453344	ESTs	BE349075	Hs.44571	5.0	4415 8238
00	453139	Human DNA sequence from clone RP11-				4394 8220
	431590	sema domain, transmembrane domain (TI			5.0	2800 2801 6879
	448595 418299	KIAA0644 gene product integrin, beta 2 (antigen CD18 (p95), I	AB014544	Hs.21572	5.0 ·	4015 4016 7910
	418299 411296	growth suppressor 1	AA279530 BE207307	Hs.83968 Hs.10114	5.0 4.9	1212 5725 524 5183
65	438564	major histocompatibility complex, class	AA381553	Hs.198253	4.9	524 5183 3335 7323
05	440274	scrapie responsive protein 1	R24595	Hs.7122	4.9	3464 7443
	435461	ESTs	AI075846	Hs.133996	4.9	3127 7143
	424870	ESTs	T15545	Hs.244624	4.9	2014 6308
	421707	lectomedin-2		Hs.1 07054	4.9	1581 1582 5995
70	436291	protein regulator of cytokinesis 1	BE568452	Hs.344037	4.9	3180 7185
, 0	444090	natural killer cell group 7 sequence	S69115	Hs.10306	4.9	3675 3676 7634
	424340	ESTs	AA339036	Hs.7033	4.9	1937 6254
	412659	olfactomedin related ER localized prote	AW753865	Hs.74376	4.9	627 5265
	414024	gb:zm79g08.r1 Stratagene neuroepitheliu		Hs.22410	4.9	769 5379
75	408161	hypothetical protein MGC3032	AW952912	Hs.300383	4.9	195 4937
	452445	Homo sapiens mRNA from chromosome 5				4332 8166
	430265	stromal cell-derived factor 1	L36033	Hs.237356	4.9	2671 2672 6786
	443254	ESTs	AW450180	Hs.65788	4.9	3612 7579
	446630	Homo sapiens mRNA; cDNA DKFZp434E				3863 7784
80	409698	short stature homeobox 2	AF022654	Hs.55967	4.8	378 379 5074
	414219	ALL1-fused gene from chromosome 1q	W20010	Hs.75823	4.8	789 5397
	435977	brain-specific membrane-anchored protei		Hs.5012	4.8	3166 7174
	414020	small inducible cytokine A4 (homologous			4.8	767 768 5378
	427400	hypothetical protein FLJ11939	AW245084	Hs.94229	4.8	2325 6525
85	427019	hypothetical protein FLJ10970	AA001732	Hs.173233	4.8	2296 6504
	439570	ESTs, Weakly similar to ALU1_HUMAN A		Hs.269165	4.8	3407 7390
		-				

	439979	hypothetical protoin EL 110420	AW600291	Un 6022	10	3442 7424
	412507	hypothetical protein FLJ10430 EphA4		Hs.6823	4.8	
	414142		L36645	Hs.73964	4.8	596 597 5243
		hemicentin (fibulin 6)	AW368397	Hs.334485	4.8	781 5390
5	453857	Ras-induced senescence 1 (RIS1)	AL080235	Hs.35861	4.8	4449 4450 8266 3589 7557
,	442910	ESTs, Weakly similar to T19326 hypothet	A1303130	Hs.11307	4.8	
	403405 407241	Target Exon	M24546		4.8 4.8	4719 130 131 4880
	410342	gb:Human omega light chain protein 14.1		Un 742	4.8	453 5129
	435080	Fc fragment of IgE, high affinity I, re hypothetical protein FLJ14428	R31350 Al831760	Hs.743	4.8	3103 7122
10	453237	ESTs	AI969448	Hs.155111 Hs.34578	4.8	4405 822
10	424717	wingless-type MMTV integration site fam		Hs.152213	4.8	1989 6291
	413278	interferon-stimulated protein, 15 kDa	BE563085	Hs.833	4.8	695 5322
	404977	Insulin-like growth factor 2 (somatomed	DE303003	п <b>5.0</b> 33	4.8	4766
	409208	integrin, alpha X (antigen CD11C (p150)	Y00093	Hs.172631	4.8	326 327 5038
15	437862	Homo sapiens mRNA; cDNA DKFZp5860				3291 7284
10	439737	Homo sapiens mRNA full length insert cD		Hs.41271	4.8	3427 7410
	447343	ESTs, Highly similar to S02392 alpha-2-	AA256641	Hs.236894	4.8	3916 7828
	422799	neurexophilin 4	AI933199	Hs.120911	4.8	1738 6113
	416350	phospholipase A2, group IID	AF188625	Hs.189507	4.8	993 994 5557
20	429150	smoothened (Drosophila) homolog	AF120103	Hs.197366	4.8	2519 2520 6677
	454390	KIAA0906 protein	AB020713	Hs.56966	4.8	4497 4498 8304
	416135	ESTs	AW473656	Hs.227277	4.7	976 5543
	432878	Pirin	BE386490	Hs.279663	4.7	2914 6969
	423232	leucine-rich neuronal protein	BE244625	Hs.125742	4.7	1787 6149
25	453914	fructose-1,6-bisphosphatase 1	NM_000507	Hs.5 74	4.7	4465 4466 8278
	421779	wingless-type MMTV integration site fam	A1879159	Hs.108219	4.7	1592 6004
	418558	Fas (TNFRSF6)-associated via death don	na AW082266	Hs.86131	4.7	1255 5755
	418322	cyclin-dependent kinase inhibitor 3 (CD	AA284166	Hs.84113	4.7	1214 5727
20	446051	ephrin-A3	BE048061	Hs.37054	4.7	3816 7744
30	422616	selenophosphate synthetase 2	BE300330	Hs.118725	4.7	1713 6095
	448886	hypothetical protein FLJ10357	AL137291	Hs.22451	4.7	4047 4048 7934
	425934	Homo sapiens clone 25187 and 25188 ml		2 Hs.163642	4.7	2155 2156 6407
	452683	progesterone membrane binding protein		Hs.374574	4.7	4341 8175
25	429612	pituitary tumor-transforming 1	AF062649	Hs.252587	4.7	2586 2587 6726
35	437723	ESTs	AI672731	Hs.13256	4.7	3282 7275
	453083	contactin associated protein 1	U87223	Hs.31622	4.7	4388 4389 8215
	418323	major histocompatibility complex, class	NM_002118		4.7	1215 1216 5728
	419113	ESTs	AI446586	Hs.21835	4.7	1305 5793
40	416801	sal (Drosophila)-like 2	X98834	Hs.79971	4.7	1032 5585
40	426076	gb:EST374787 MAGE resequences, MAG			4.7	2171 6418
	412773	similar to vaccinia virus HindIII K4L O	H15785	Hs.74573	4.7	639 5276
	455813	gb:QV2-HT0083-071299-018-a11 HT0083			4.7	4509 8315
	427658	nogo receptor	H61387	Hs.30868	4.7	2355 6549
45	427337	Fc fragment of IgG, low affinity IIIb,	Z46223	Hs.176663	4.7	2318 2319 6521
43	412609 449523	ocular albinism 1 (Nettleship-Falls)	Z48804	Hs.74124	4.7	615 616 5257
	456508	chemokine (C-C motif) receptor 5 ESTs, Weakly similar to AF208855 1 BM-	NM_000579		4.7 4.7	4094 4095 7976 4521 8325
	415019	nuclear factor of activated T-cells, cy	AI674651	Hs.123469	4.7	901 5482
	428839	Homo sapiens cDNA FLJ14814 fis, clone		Hs.77810 Hs.82302	4.6	2480 6648
50	432383	Homo sapiens cDNA FLJ20137 fis, clone		Hs.274449	4.6	2868 6931
50	437879	hypothetical protein FLJ10305	BE262082	Hs.5894	4.6	3292 7285
	434276	leucine zipper, putative tumor suppress	AF123659	Hs.93605	4.6	3039 3040 7070
	444410	ESTs, Moderately similar to S65657 alph		Hs.33719	4.6	3699 7654
	426470	ESTs	AA528794	Hs.128644	4.6	2232 6461
55	422481	DNAX-activation protein 10	AL050163	Hs.117339	4.6	1687 1688 6075
	411789	Adlican	AF245505	Hs.72157	4.6	553 554 5207
	408561	hypothetical protein MGC13016	AI308037	Hs.84120	4.6	239 4970
	426150	BarH-like homeobox 2	NM_003658		4.6	2180 2181 6425
	450447	hypothetical protein P15-2	AF212223	Hs.25010	4.6	4168 4169 8036
60	414747	centromere protein F (350/400kD, mitosi	U30872	Hs.77204	4.6	861 862 5455
	400262	Eos Control		Hs.75309	4.6	4612
	422175	ESTs, Highly similar to T00391 hypothet		Hs.6382	4.6	1657 6053
	422397	MYEOV Myeloma overexpressed gene (in			4.6	1678 1679 6068
65	423897	DKFZP434N178 protein	AB033062	Hs.134970	4.6	1863 1864 6205
65	440952	ESTs	AI291804	Hs.118101	4.6	3490 7466
	449129	ESTs	Al631602	Hs.258949	4.6	4066 7950
	458098	metallothionein 1E (functional)	BE550224	Hs.351851	4.6	4567 8364
	414359	cadherin 11, type 2, OB-cadherin (osteo	M62194	Hs.75929	4.6	808 5413
70	439589	ESTs	AF086409	Hs.379390	4.5	3409 7392
70	439219	ESTs	N33883	Hs.41322	4.5	3382 7365
	457211	ESTs, Weakly similar to S51797 vasodila		Hs.32399	4.5	4543 8344
	410290	hypothetical protein DKFZp564A176	AA402307	Hs.322844	4.5	449 5126
	447208	hypothetical protein MGC5627		Hs.237971	4.5	3901 7817
75	414175 429918	hypothetical protein DKFZp761D112 ESTs	AI308876 AW873986	Hs.103849 Hs.119383	4.5 4.5	786 5394 2619 6748
, ,	414875	major histocompatibility complex, class			4.5	
	404277	NM_019111*:Homo sapiens major histoco		Hs.77522	4.5 4.5	883 5469 4744
	424125	inhibin, beta B (activin AB beta polype		Hs.1735	4.5	1900 1901 6230
	400543	C10001466:gi 7299451 gb AAF54640.1  (			4.5	4632
80	424247	lysozyme (renal amyloidosis)		Hs.234734	4.5	1922 1923 6244
	407049	NM_021724*:Homo sapiens nuclear recep			4.5	99 100 4854
	405104	Target Exon			4.5	4771
	452242	gycosyltransferase	R50956		4.5	4305 8145
0.5	433867	hippocalcin-like 1			4.5	3011 7046
85	422363	replication factor C (activator 1) 3 (3			4.5	1673 6065
	448386	KIAA1329 protein	AB037750	Hs.21061	4.5	3997 3998 7896

	452466	hypothetical protein DKFZp564B052	N84635	Hs.29664	4.5	4334 8168
	404721	NM_005596*:Homo sapiens nuclear factor		113.23004	4.5	4759
	417079	interleukin 1 receptor antagonist	U65590	Hs.81134	4.5	1073 1074 5616
_	401357	tumor protein D52-like 1			4.5	4650
5	426935	collagen, type I, alpha 1	NM_000088	Hs.1 72928	4.5	2288 2289 6498
	415701	gamma-glutamyl hydrolase (conjugase, fo		Hs.78619	4.5	940 941 5514
	437681	Homo sapiens, Similar to TEA domain far		Hs.166556	4.5	3280 7273
	449444	solute carrier family 16 (monocarboxyli	AW818436	Hs.351306	4.5	4088 7970
10	451678	DKFZP564D0764 protein	AA374181	Hs.26799	4.5	4244 8096
10	406648 450785	major histocompatibility complex, class	AA563730	Hs.277477	4.5 4.5	38 4817 4193 8056
	402994	Homo sapiens, alpha-1 (VI) collagen NM_002463*:Homo sapiens myxovirus (ir	AA852713	Hs.108885	4.5 4.5	4701
	446962	muscle specific ring finger protein 1	AI351421	Hs.279709	4.5	3884 7801
	416847	enhancer of filamentation 1 (cas-like d	L43821	Hs.80261	4.5	1039 1040 5590
15	435013	NM_020142:Homo sapiens NADH:ubiquii		Hs.110024	4.5	3096 7115
	405770	NM_002362:Homo sapiens melanoma an			4.4	4796
	400397	transcription factor 7-like 2 (T-cell s	AJ270770		4.4	18 19 4624
	420591	neurotrophin 3	X53655	Hs.99171	4.4	1465 1466 5916
20	422007	ESTs	AI739435	Hs.39168	4.4	1624 6029
20	429962	glutathione S-transferase pi	M69113	Hs.226795	4.4	2626 6754
	438866	tissue inhibitor of metalloproteinase 2	U44385	Hs.6441	4.4	3360 3361 7344
	439453	thyroid hormone receptor interactor 13	BE264974	Hs.6566	4.4	3399 7382
	408784	ESTs	AW971350	Hs.63386	4.4	257 4986
25	444863	serine (or cysteine) proteinase inhibit	AW384082	Hs.104879	4.4	3731 7677
23	400228	NM_021724*:Homo sapiens nuclear rece		Hs.276916	4.4	4601
	439318 422034	G protein-coupled receptor 56	AW837046 AC006486	Hs.6527	4.4 4.4	3391 7374
	419081	Ets2 repressor factor ESTs	A1798863	Hs.333069 Hs.87191	4.4	1627 1628 6032 1299 5788
	414883	CDC28 protein kinase 1	AA926960	Hs.348669	4.4	885 5471
30	450224	collagen, type IV, alpha 6	D21337	Hs.408	4.4	4145 4146 8017
-	425308	receptor tyrosine kinase-like orphan re	M97639	Hs.155585	4.4	2087 2088 6362
	443801	intron of: trichorhinophalangeal syndr	AW206942	Hs.253594	4.4	3646 7608
	408787	Rho guanine exchange factor (GEF) 11	NM_014784		4.4	258 259 4987
~ ~	424735	short-chain alcohol dehydrogenase famil	U31875	Hs.272499	4.4	1993 1994 6294
35	438596	ESTs	AA829427	Hs.243081	4.4	3337 7325
	435663	ESTs	AI023707	Hs.134273	4.4	3143 7155
	418990	proteasome (prosome, macropain) subuni		Hs.89545	4.4	1289 5780
	411365	GM2 ganglioside activator protein	M76477	Hs.289082	4.4	528 529 5187
40	426413	gb:EST90805 Synovial sarcoma Homo sa			4.4	2219 6453
40	400205	NM_006265*:Homo sapiens RAD21 (S. p		Hs.81848	4.4	4598
	435176	ESTs	AA744875	Hs.189413	4.4	3111 7129
	. 448499 443639	p53-regulated DDA3 proteasome (prosome, macropain) subuni	BE613280	Hs.77550 Hs.9661	4.4 4.4	4008 7905 3632 7595
	418522	Homo sapiens cDNA: FLJ21950 fis, clone		Hs.7149	4.4	1250 5751
45	421143	immunoglobulin superfamily containing I		Hs.102171	4.4	1510 1511 5949
	430413	small inducible cytokine A5 (RANTES)	AW842182	Hs.241392	4.4	2693 6801
	418216	AF15q14 protein	AA662240	Hs.283099	4.4	1206 5721
	446751	Human DNA sequence from clone RP11-				3871 7791
<b>50</b>	442328	ESTs, Weakly similar to ALU4_HUMAN A	LU A1952430	Hs.150614	4.4	3556 7528
50	406973	major histocompatibility complex, class	M34996	Hs.198253	4.3	90 91 4849
	418526	solute carrier family 16 (monocarboxyli	BE019020	Hs.85838	4.3	1251 5752
	426890	ESTs	AA393167	Hs.41294	4.3	2283 6494
	417142	ESTs	AI082507	Hs.85905	4.3	1083 5624
55	429716	collagen, type XIII, alpha 1	R25685 BE515037	Hs.211933	4.3	2609 6741
55	427378 431639	melanoma antigen, family D, 1 phosphoprotein associated with GEMs	AK000680	Hs.177556	4.3 4.3	2322 6523
	447198	ESTs	D61523	Hs.266175 Hs.283435	4.3	2805 2806 6883 3898 7814
	448258	hypothetical protein FLJ20396	BE386983	Hs.343214	4.3	3990 7889
	407047	gb:H.sapiens SOD-2 gene for manganese		110.010214	4.3	98 4853
60	439246	membrane-associated tyrosine- and threo		Hs.351474	4.3	3386 7369
	439709	hypothetical protein FLJ20128	AW401433	Hs.6649	4.3	3422 7405
	404920	Target Exon			4.3	4765
	405372	NM_006841:Homo sapiens transporter pre			4.3	4778
65	412577	CD163 antigen	Z22968	Hs.74076	4.3	608 609 5252
65	426283	kynureninase (L-kynurenine hydrolase)	NM_003937		4.3	2192 2193 6435
	444371	forkhead box M1	BE540274	Hs.239	4.3	3696 7651
	426759	ESTs	AI590401	Hs.21213	4.3	2268 6483
	436045 433658	DKFZP564O0423 protein immunoglobulin kappa constant	AB037723 L03678	Hs.5028 Hs.156110	4.3	3169 3170 7176
70	402876	NM_022161*:Homo sapiens livin inhibitor	LU3076	ns. 130110	4.3 4.3	2996 2997 7034 4697
, 0	409062	Homo sapiens mRNA; cDNA DKFZp564B	182 /f AI 1574	88 He 50150		301 5018
	406642	gb:Homo sapiens mRNA for immunoglobu		00 113.30130	4.3	34 35 4815
	423989	OLF-1/EBF associated zinc finger gene	AF221712	Hs.137168	4.3	1880 1881 6216
	442547	ESTs, Weakly similar to ALU1_HUMAN A			4.3	3566 7537
75	422530	bone marrow stromal cell antigen 2	AW972300	Hs.118110	4.3	1696 6082
	400802	Target Exon			4.3	4638
	439627	hypothetical protein FLJ21841	BE621702	Hs.29076	4.3	3411 7394
	418618	GTP cyclohydrolase 1 (dopa-responsive d		Hs.86724	4.3	1261 1262 5760
90	444119	ESTs, Weakly similar to T26686 hypothet		Hs.184261	4.3	3677 7635
80	453910	Kruppel-like zinc finger protein GLIS2	AL133794	Hs.16313	4.3	4464 8277
	447737	DKFZP564L0862 protein	AK000643	Hs.19404	4.3	3957 3958 7861
	414945	lymphocyte antigen 6 complex, tocus E	BE076358	Hs.77667	4.3	894 5477
	437233 403130	Homo sapiens brother of CDO (BOC) mRI NM_005400*:Homo sapiens protein kinas		Hs.339352	4.3 4.3	3249 7246 4708
85	428291	interferon stimulated gene (20kD)	e AA534009	Hs.183487	4.3	2423 6604
	418283	cathepsin K (pycnodysostosis)	S79895	Hs.83942	4.3	1210 1211 5724
			5.0000			,_,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

	440044					4400 7004
	449611	ESTs	AI970394	Hs.197075	4.3	4100 7981
	412014	ESTs, Weakly similar to A46010 X-linked	AI620650	Hs.43761	4.3	566 5218
	439540	ESTs	AW979189	Hs.283367	4.3	3405 7388
	408096	dihydrofolate reductase	BE250162	Hs.83765	4.3	189 4931
5		Homo sapiens cDNA FLJ12797 fis, clone				
9	419073				4.2	1296 5786
	419745	slug (chicken homolog), zinc finger pro	AF042001	Hs.93005	4.2	1381 1382 5851
	406634	GDP dissociation inhibitor 1	AA386235	Hs.74576	4.2	31 4813
	454429	hypothetical protein PP3501	BE273437	Hs.301406	4.2	4500 8306
	407818	jumonji (mouse) homolog	AL021938	Hs.40154	4.2	165 4909
10	400261	Eos Control			4.2	4611
10			DE004400	Hs.1802		
	453597	myo-inositol 1-phosphate synthase A1	BE281130	Hs.381118	4.2	4429 8249
	430622	Homo sapiens, Similar to DNA segment, (	C BE616971	Hs.247478	4.2	2714 6815
	453204	ESTs	R10799	Hs.191990	4.2	4403 8227
	412926	macrophage myristoylated alanine-rich C		Hs.75061	4.2	655 5290
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IJ	432388	v-ski avian sarcoma viral oncogene homo		Hs.2969	4.2	2869 2870 6932
	455169	gb:QV0-CT0387-170200-121-h07 CT038	7 Hom AW860	908	4.2	4505 8311
	424842	signal transducing adaptor molecule (SH	AA034127	Hs.153487	4.2	2013 6307
	438451	ESTs	AI081972	Hs.220261	4.2	3323 7313
	421774	Homo sapiens mRNA; cDNA DKFZp5860				1589 6001
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20	418918	CD2 antigen (p50), sheep red blood cell	X07871	Hs.89476	4.2	1282 1283 5775
	452301	ESTs	BE041144	Hs.127699	4.2	4312 8151
	453779	28kD interferon responsive protein	N35187 ·	Hs.43388	4.2	4441 8259
	427239	ubiquitin carrier protein	BE270447	Hs.356512	4.2	2311 6515
25	443572	cleavage and polyadenylation specific f	AA025610	Hs.9605	4.2	3625 7589
25	413048	mannose receptor, C type 1	M93221	Hs.75182	4.2	672 673 5305
	423767	F-box only protein 2	H18283	Hs.132753	4.2	1845 6192
	420162	cyclin-dependent kinase 4	BE378432	Hs.95577	4.2	1422 5883
	421506					
		thymidine kinase 1, soluble	BE302796	Hs.105097	4.2	1550 5976
20	418312	Ral guanine nucleotide exchange factor	AW972468	Hs.170307	4.2	1213 5726
30	403508	Target Exon			4.2	4723
	432729	hypothetical protein FLJ20285	AK000292	Hs.130732	4.2	2902 2903 6960
	414085			Hs.75746	4.2	775 5384
		aldehyde dehydrogenase 1 family, membe				
	418113	SRY (sex determining region Y)-box 4	AI272141	Hs.83484	4.2	1194 5711
	452106	ESTs	AI141031	Hs.21342	4.2	4289 8131
35	429922	H1 histone family, member 0	Z97630	Hs.226117	4.2	2621 2622 6750
	457400	cathepsin Z	AF032906	Hs.252549	4.2	4547 4548 8347
	420255	membrane metallo-endopeptidase (neutra			4.2	1438 1439 5896
	417080	small nuclear ribonucteoprotein potypep	BE392846	Hs.1063	4.2	1075 5617
	445472	Homo sapiens mRNA for KIAA0293 gene,	, pa AB006631	Hs.12784	4.2	3773 3774 7711
40	453060	hypothetical protein MGC15754	AW294092	Hs.21594	4.2	4386 8213
. •	414586					
		lymphocyte cytosolic protein 1 (L-plast	AA306160	Hs.381099	4.2	833 5434
	434669	core histone macroH2A2.2	AF151534	Hs.92023	4.1	3068 3069 7093
	434149	hypothetical protein MGC5469	Z43829	Hs.244624	4.1	3030 7063
	445333	hypothetical protein FLJ12538 similar t	BE537641	Hs.44278	4.1	3759 7700
45	401176	Target Exon			4.1	4646
			H02400	LI- acaans		
	416926	HT018 protein	H03109	Hs.263395	4.1	1046 5596
	408196	SRY (sex determining region Y)-box 22	AL034548	Hs.43627	4.1	199 200 4940
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	411020	macrophage receptor with collagenous st	NM 006770		4.1	506 507 5168
50	452436	ESTs, Moderately similar to A46010 X-li	BE077546	Hs.31447	4.1	4330 8164
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	443264	ESTs, Moderately similar to A47582 B-ce		Hs.132137	4.1	3615 7581
	417866	collagen, type XI, alpha 1	AW067903	Hs.82772	4.1	1162 5685
	431863	spindlin	AA188185	Hs.289043	4.1	2829 6901
	422032	polymerase (RNA) III (DNA directed) pol	AA476966	Hs.110857	4.1	1625 6030
55	440028				4.1	3446 7428
55		ESTs, Weakly similar to T17227 hypothet		Hs.367649		
	407756	ubiquitin specific protease 18	AA116021	Hs.38260	4.1	159 4903
	452833	KIAA0124 protein	BE559681	Hs.30736	4.1	4355 8186
	429345	hypothetical protein	R11141	Hs.199695	4.1	2548 6700
	423447	ESTs	D31043	Hs.282596	4.1	1807 6163
60	426501	ESTs	AW043782	Hs.293616	4.1	2242 6467
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	429415	procollagen C-endopeptidase enhancer	NM_002593		4.1	2557 2558 6706
	446531	ESTs	AW301023	Hs.150854	4.1	3854 7775
	439668	frizzled (Drosophila) homolog 8	AI091277	Hs.302634	4.1	3414 7397
	440087	hypothetical protein FLJ22678	W28969	Hs.7718	4.1	3452 7433
65	425170	transcription factor CP2	AU077315	Hs.154970	4.1	2061 6342
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	406625	stearoyl-CoA desaturase (delta-9-desatu	Y13647	Hs.119597	4.1	28 29 4811
	400259	NM_017432*:Homo sapiens prostate tumo	or	Hs.19555	4.1	4610
	438209	aryl-hydrocarbon receptor nuclear trans	AL120659	Hs.6111	4.1	3309 7301
70	446570	ESTs	AV659177	Hs.127160	4.1	3858 7779
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	419488	nucleophosmin/nucleoplasmin 3	AA316241	Hs.90691	4.1	1342 5822
	452866	Homo sapiens cDNA: FLJ21243 fis, clone	R26969	Hs.268016	4.1	4361 8191
75	452689	transferrin	F33868	Hs.284176	4.1	4342 8176
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	409012	DKFZP434I216 protein	AL117435	Hs.49725	4.1	293 294 5013
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	414172	phosphatidylinositol glycan, class C	AW954324	Hs.75790	4.1	785 5393
	428001		H97428	Hs.219907	4.1	2389 6576
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30			AB026436	Hs.177534	4.1	661 662 5295
	409512	melanoma differentiation associated pro	AW979187	Hs.293591	4.1	354 5057
	428778	fibroblast growth factor receptor-like	AK000530	Hs.193326	4.1	2473 2474 6642
	444739	Homo sapiens cDNA FLJ12924 fis, clone	N N48982	Hs.38034	4.1	3720 7670
		sialidase 1 (lysosomal sialidase)	Z46023	Hs.118721	4.1	1711 6093
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                              Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled
          Ref:
60
                                     The DNA
                              sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.
          Strand:
                              Indicates DNA strand from which exons were predicted.
          Nt_position:
                              Indicates nucleotide positions of predicted exons.
65
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	RATIO:			divided by the	50th percentile	e of normal tis:	ue Als, where the 10th percentile of n	ormal tissue Als was
25			ooth the numerator and o		, , , , , , , , , , , , , , , , , , ,			
	SEQ ID #:	nucleic acid and	protein sequences provi	ded on CD for	search purpos	es		
	Dien	Cana Nama		A	U-iC	DATIO	CEO ID#	
	Pkey 418678	Gene Name cancer/testis anti	nen (NY-ESO-1)	Accession NM_001327	UniGene	RATIO 20.0	SEQ ID # 1269 1270 5765	
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35	412719	ESTs	toin F2 C	AW016610	Hs.816	15.1	633 5270	
55	419741 416836	ubiquitin carrier p cholecystokinin	protein E2-C	NM_007019 D54745	Hs.9 3002 Hs.80247	14.5 13.8	1379 1380 5850 1038 5589	
	452838		ressed antigen in mel	U65011	Hs.30743	13.6	4357 4358 8188	
	452340		factor, LIM/homeodom			12.9	4317 4318 8155	
40	417308	KIAA0101 gene p	product	H60720	Hs.81892	12.7	1094 5634	
40	422960	cadherin 13, H-ca		AW890487	Hs.355618	12.7	1762 6130	
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45	434314		RAS oncogene family	BE392921	Hs.3797	12.0	3042 7072	
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50	441290 443184	cholinergic recep ESTs	tor, nicotinic, alpha	W27501	Hs.89605	11.3	3507 7482	
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	457411		meobox protein IRX2	AW085961	Hs.130093	11.1	4549 8349	
<i>E E</i>	425397		DNA) II alpha (170kD)	J04088	Hs.156346	10.7	2099 2100 6369	
55	422311	cytokine receptor		AF073515 AA195651	Hs.114948	10.6	1669 1670 6062	
	407178 438703	AP-2 beta transci ESTs	ripuon ractor	AI803373	Hs.352312 Hs.31599	10.6 10.3	118 4870 3348 7333	
	416854	Purkinje cell prote	ein 4	H40164	Hs.80296	10.3	1041 5591	
	417900		sion cycle 20, S. cerev	BE250127	Hs.82906	10.3	1165 5688	
60	413248		ein DKFZp547J036	T64858	Hs.380145	10.1	690 5319	
	451952	ESTs	-:- DVEZ-C471000	AL120173	Hs.301663	10.1	4264 . 8111	
	440492 436481		ein DKFZp547J036 n similar to ubiquitin-co	R39127 AA379597	Hs.380145 Hs.5199	10.1 10.0	3469 7448 3192 7197	
	423362	myosin XV	r similar to asiquiair co	NM_016239		9.9	1800 1801 6158	
65	426784		(parathyroid secretory p		Hs.172216	9.8	2271 2272 6485	
	433001	clone HQ0310 P	RO0310p1	AF217513	Hs.279905	9.8	2923 2924 6977	
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	413278		ated protein, 15 kDa	BE563085	Hs.833 Hs.35861	9.7	695 5322	
70	453857 442117		escence 1 (RIS1) at protein for IMAGE:44	AL080235 AW664964	Hs.128899	9.6 9.6	4449 4450 8266 3551 7523	
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	410687	lysyl oxidase-like		U24389	Hs.65436	9.5	485 486 5153	
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13	433929 437204	ESTs Weakly sin	milar to 155214 sativary	Al375499	Hs.27379	9.4 9.4	3016 7050 3244 7241	
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	449956		oinding 2, dominant ne	AA004852	Hs.180919	9.3	4122 8000	
0.0	440210	ESTs	• • • • • • • • • • • • • • • • • • • •	AW674562	Hs.122128	9.3	3462 7441	
80	438091		subfamily 1, group I,	AW373062	Hs.351546	9.2	3302 7295	
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	418156 450164	nuclear receptor : ESTs	subfamily 1, group I,	W17056 A1239923	Hs.83623 Hs.63931	9.0 9.0	1198 5715 4138 8013	
	410402		Ras, dexamethasone-inc		Hs.248222	8.9	458 459 5134	
85	413597	ESTs	_,	AW302885	Hs.117183	8.9	732 5349	
	435652	uncharacterized l	hypothalamus protein HE		Hs.334370	8.8	3142 7154	

	432143	Homo sapiens, clone IMAGE:4178394, m	RNA AL04018	3 Hs.123484	8.8	2845 6912
	441134	cellular retinoic acid-binding protein	W29092	Hs.346950	8.8	3500 7475
	430627	atonal homolog 1 (Drosophila)	U61148	Hs.247685 Hs.302689	8.7	2715 2716 6816
5	410366 438089	hypothetical protein nuclear receptor subfamily 1, group I,	AI267589 W05391	Hs.351546	8.7 8.7	457 5133 3301 7294
•	410467	dachshund (Drosophila) homolog	AF102546	Hs.63931	8.7	463 464 5137
	424687	matrix metalloproteinase 9 (gelatinase	J05070	Hs.151738	8.7	1986 1987 6289
	453582	hypothetical protein FLJ11937	AW854339	Hs.33476	8.5	4427 8247
10	452363	Homo sapiens, Similar to complement con		Hs.94953	8.5	4322 8159
10	439671 455601	kinesin family member 5C SRY (sex determining region Y)-box 2	AW162840 AI368680	Hs.6641 Hs.816	8.4 8.4	3415 7398 4507 8313
	423232	leucine-rich neuronal protein	BE244625	Hs.125742	8.3	1787 6149
	438831	synapsin II	BE263273	Hs.6439	8.3	3357 7341
1.0	432729	hypothetical protein FLJ20285	AK000292	Hs.130732	8.3	2902 2903 6960
15	408826	Homo sapiens clone HB-2 mRNA sequen	ce AF216077	Hs.48376	8.2	263 4990
	417160	proteolipid protein 1 (Pelizaeus-Merzba	N76497	Hs.355807	8.2	1086 5626
	412754	amyloid beta (A4) precursor-like protei	AW160375	Hs.74565	8.2	636 5273
	440650 412471	Human DNA sequence from PAC 75N13 endothelial cell growth factor 1 (plate	M63193	Hs.326801 Hs.73946	8.2 8.2	3477 7455 591 592 5239
20	409893	minichromosome maintenance deficient (			8.2	397 5088
_ •	414219	ALL1-fused gene from chromosome 1q	W20010	Hs.75823	8.1	789 5397
	420783	tectin, galactoside-binding, soluble, 7	AI659838	Hs.99923	8.1	1478 5924
	443247	c-Myc target JPO1	BE614387	Hs.333893	8.1	3611 7578
25	419236	Homo sapiens cDNA FLJ11481 fis, clone		Hs.135159	8.1	1321 5805
23	443426	chromosome 20 open reading frame 1	AF098158	Hs.9329	8.1	3621 3622 7586 20 21 4625
	400411 425256	Homo sapiens G-protein gamma 8 subuni collapsin response mediator protein 1	BE297611	Hs.155392	8.1 7.9	2074 6352
	422809	hypothetical protein FLJ10549	AK001379	Hs.121028	7.8	1741 1742 6115
• •	406673	major histocompatibility complex, class	M34996	Hs.198253	7.8	90 91 4821
30	444279	cholinergic receptor, nicotinic, alpha	U62432	Hs.89605	7.7	3688 3689 7645
	415989	ESTs	AI267700	Hs.351201	7.7	962 5530
	441390	ESTs	Al692560	Hs.355961	7.7	3516 7489
	407112 435099	ESTs, Weakly similar to ALU7_HUMAN A	LU AAU70801 AC004770		7.7	111 4863
35	419086	flap structure-specific endonuclease 1 Kallmann syndrome 1 sequence	NM_000216	Hs.4756 Hs 8 9591	7.7 7.7	3104 3105 7123 1300 1301 5789
55	424800	MyoD family inhibitor	AL035588	Hs.153203	7.6	2002 2003 6300
	446051	ephrin-A3	BE048061	Hs.37054	7.6	3816 7744
	420460	Homo sapiens clone HB-2 mRNA sequen	ce AA262331	Hs.48376	7.6	1453 5907
40	414945	lymphocyte antigen 6 complex, locus E	BE076358	Hs.77667	7.5	894 5477
40	409142	SMC4 (structural maintenance of chromos		Hs.50758	7.5	312 313 5027
	412107 444527	growth factor independent 1 small inducible cytokine subfamily A (C	BE242676 NM_005408	Hs.73172	7.5 7.5	570 5221 3703 3704 7657
	424468	LIM homeobox protein 3	AF156889	Hs.148427	7.5	1958 1959 6271
	413407	inositol polyphosphate phosphatase-like	Al356293	Hs.75339	7.4	713 5333
45	449722	cyclin B1	BE280074	Hs.23960	7.4	4112 7990
	412140	RAB6 interacting, kinesin-like (rabkine	AA219691	Hs.73625	7.4	573 5223
	423279	ESTs	AW959861	Hs.290943	7.4	1790 6151
	454140	hypothetical protein FLJ10474	AB040888	Hs.41793	7.4	4493 4494 8301
50	439979 421307	hypothetical protein FLJ10430 Homo sapiens mRNA; cDNA DKFZp434B	AW600291	Hs.6823	7.4 15.7.1	3442 7424 1528 5963
	453243	KIAA0441 gene product	AB007901	Hs.32511	7.3	4407 4408 8231
	430826	POU domain, class 4, transcription fact	U10061	Hs.248019	7.3	2731 2732 6828
	418375	synaptosomal-associated protein, 25kD	NM_003081	Hs.8 4389	7.3	1222 1223 5732
55	453597	myo-inositol 1-phosphate synthase A1	BE281130	Hs.381118	7.3	4429 8249
55	408915	heptacellular carcinoma novel gene-3 pr	NM_016651		7.3	274 275 4998
	414117 452223	proteolipid protein 1 (Pelizaeus-Merzba hypothetical protein MGC2827	W88559 AA425467	Hs.355807 Hs.8035	7.3 7.3	777 5386 4302 8142
	429345	hypothetical protein	R11141	Hs.199695	7.2	2548 6700
	444006	type I transmembrane protein Fn14	BE395085	Hs.334762	7.2	3668 7627
60	408562	roundabout (axon guidance receptor, Dro	AI436323	Hs.31141	7.2	240 4971
	450663	ribonuclease HI, large subunit	H43540	Hs.25292	7.2	4179 8044
	448610	nel (chicken)-like 1	NM_006157		7.2	4019 4020 7912
	416322 453392	pyrroline-5-carboxylate reductase 1 SRY (sex determining region Y)-box 11	BE019494 U23752	Hs.79217 Hs.32964	7.1 7.1	989 5554 4416 4417 8239
65	425770	spastic ataxia of Charlevoix-Saquenay (	NM_014363		7.1	2136 2137 6393
	437036	ESTs	AI571514	Hs.133022	7.1	3232 7231
	450447	hypothetical protein P15-2	AF212223	Hs.25010	7.1	4168 4169 8036
	424001	paternally expressed 10	W67883	Hs.137476	7.1	1882 6217
70	443981	KIAA0274 gene product	D87464	Hs.10037	7.1	3664 3665 7624
70	443071	complement component 1, q subcompone			7.1	3598 7566
	426991 431629	Homo sapiens cDNA FLJ10674 fis, clone interferon, alpha-inducible protein (cl	AU077025	Hs.214410 Hs.265827	7.1 7.0	2294 6502 2803 6881
	432731	fibronectin 1	R31178	Hs.287820	7.0	2904 6961
	432409	KIAA1575 protein	AA806538	Hs.130732	7.0	2873 6935
75	414761		AU077228	Hs.77256	7.0	865 5458
	418515	ESTs, Weakly similar to CNIH_HUMAN C			7.0	1249 5750
	428450	KIAA0175 gene product	NM_014791		6.9	2443 2444 6621
	445016 421777	reelin	U79716	Hs.12246	6.9	3738 3739 7684
80	421777 443021	HSPC037 protein Ig superfamily protein	BE562088 AA368546	Hs.108196 Hs.8904	6.9 6.9	1590 6002 3593 7561
	425274	minichromosome maintenance deficient (r		Hs.155462	6.8	2079 6356
	433447	neuronal pentraxin II	U29195	Hs.3281	6.8	2980 2981 7021
	414416	hypothetical protein MGC2721	AW409985	Hs.76084	6.8	813 5417
25	451489	amyloid beta (A4) precursor protein-bin	NM_005503		6.8	4233 4234 8088
85	442285	uncharacterized hypothalamus protein HT		Hs.374989	6.8	3554 7526
	435977	brain-specific membrane-anchored protei	AL 1300/9	Hs.5012	6.8	3166 7174

	407792	putative secreted ligand homologous to	AI077715	Hs.39384	6.8	162 4906
	443859	follistatin	NM_013409	Hs.9 914	6.8	3651 3652 7613
	444381	hypothetical protein BC014245	BE387335	Hs.283713	6.8	3697 7652
-	436608	down syndrome critical region protein D	AA628980	Hs.192371	6.8	3205 7207
5	422363	replication factor C (activator 1) 3 (3	T55979	Hs.115474	6.7	1673 6065
	421362	hypothetical protein FLJ20043	AK000050	Hs.103853	6.7	1531 1532 5965
	427239	ubiquitin carrier protein	BE270447	Hs.356512	6.7	2311 6515
	410889	twist (Drosophila) homolog (acrocephalo	X91662	Hs.66744	6.7	501 502 5164
	428405	cholinergic receptor, nicotinic, alpha	Y00762	Hs.2266	6.7	2436 2437 6615
10	416602	Protein kinase C-binding protein NELL2	NM_006159	Hs 3 67895	6.7	1017 1018 5575
- 0						
	407619	collagen, type IX, alpha 2	AL050341	Hs.37165	6.7	146 147 4892
	432527	ESTs	AW975028	Hs.102754	6.7	2883 6944
	416065	proliferating cell nuclear antigen	BE267931	Hs.78996	6.7	968 5536
	425234	ESTs, Weakly similar to I38022 hypothet		Hs.165909	6.7	2070 6349
15						
13	416658	fibrillin 2 (congenital contractural ar	U03272	Hs.79432	6.7	1020 1021 5577
	418399	hypothetical protein FLJ12442	AF131781	Hs.84753	6.6	1232 1233 5738
	450676	ESTs	AI147155	Hs.279727	6.6	4180 8045
	409633	ESTs	AW449822	Hs.55200		
					6.6	371 5068
20	419405	ESTs	AI377043.	Hs.42189	6.6	1333 5816
20	437044	differentially expressed in Fanconi's a	AL035864	Hs.69517	6.5	3233 7232
	435732	leucine rich repeat and death domain co	AF229178	Hs.123136	6.5	3147 3148 7159
	438076	ESTs	W88525	Hs.18816	6.5	3298 7291
	453439	guanine nucleotide binding protein 4	AI572438	Hs.32976	6.5	4419 8241
	410359	ESTs	R38624	Hs.106313	6.5	455 5131
25	431183	KDEL (Lys-Asp-Glu-Leu) endoplasmic ret			6.4	2756 2757 6845
23						
	452097	a disintegrin-like and metalloprotease	AB002364	Hs.27916	6.4	4287 4288 8130
	450748	ESTs	AI733093	Hs.247686	6.4	4189 8053
	409731	thymosin, beta, identified in neuroblas	AA125985	Hs.56145	6.4	386 5080
20	412577	CD163 antigen	Z22968	Hs.74076	6.4	608 609 5252
30	418113	SRY (sex determining region Y)-box 4	Al272141	Hs.83484	6.4	1194 5711
	411789	Adlican	AF245505	Hs.72157	6.4	553 554 5207
	422515	multifunctional polypeptide similar to	AW500470	Hs.117950	6.3	1693 6079
	439522	Homo sapiens, clone MGC:15766, mRNA			6.3	3404 7387
~ -	453139	Human DNA sequence from clone RP11-	234G AA3306	20 Hs.348805	6.3	4394 8220
35	433036	ESTs	AA574091	Hs.105964	6.3	2929 6981
-	434284	ankyrin 1, erythrocytic	N63745			
				Hs.183805	6.3	3041 7071
	409799	phosphoserine phosphatase-like	D11928	Hs.76845	6.3	387 5081
	452701	glutamine-fructose-6-phosphate transami	NM 005110	Hs.3 0332	6.3	4345 4346 8178
	424308	minichromosome maintenance deficient (		Hs.154443	6.3	1932 6250
40						
40	426075	ESTs, Weakly similar to 2109260A B cell		Hs.270149	6.3	2170 6417
	437696	hypothetical protein dJ37E16.5	Z83844	Hs.5790	6.3	3281 7274
	413995	syntaxin 1A (brain)	BE048146	Hs.75671	6.3	761 5373
				. 10.7 007 1		
	A21016	transociation factor 3 (E2A immunoalabu	V V EU V E B 3	Uc 101047		
	421016	transcription factor 3 (E2A immunoglobu		Hs.101047	6.3	1497 5937
4.5	421016 412014	transcription factor 3 (E2A immunoglobu ESTs, Weakly similar to A46010 X-linked		Hs.101047 Hs.43761	6.3	1497 5937 566 5218
45	412014	ESTs, Weakly similar to A46010 X-linked	A1620650	Hs.43761	6.3	566 5218
45	412014 457869	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen	A1620650 AU077186	Hs.43761 Hs.108885	6.3 6.3	566 5218 4561 8359
45	412014 457869 452056	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m	A1620650 AU077186 RNA AW9550	Hs.43761 Hs.108885 65 Hs.101150	6.3 6.3 6.2	566 5218 4561 8359 4280 8123
45	412014 457869 452056 436199	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m hypothetical protein FLJ14503	A1620650 AU077186 RNA AW9550 R38946	Hs.43761 Hs.108885 65 Hs.101150 Hs.127951	6.3 6.3 6.2 6.2	566 5218 4561 8359 4280 8123 3175 7180
45	412014 457869 452056	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m	A1620650 AU077186 RNA AW9550	Hs.43761 Hs.108885 65 Hs.101150	6.3 6.3 6.2	566 5218 4561 8359 4280 8123
	412014 457869 452056 436199 427400	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m hypothetical protein FLJ14503 hypothetical protein FLJ11939	A1620650 AU077186 RNA AW9550 R38946 AW245084	Hs.43761 Hs.108885 65 Hs.101150 Hs.127951 Hs.94229	6.3 6.3 6.2 6.2 6.2	566 5218 4561 8359 4280 8123 3175 7180 2325 6525
	412014 457869 452056 436199 427400 449052	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m hypothetical protein FLJ14503 hypothetical protein FLJ11939 ESTs	A1620650 AU077186 RNA AW9550 R38946 AW245084 AW029507	Hs.43761 Hs.108885 65 Hs.101150 Hs.127951 Hs.94229 Hs.161102	6.3 6.3 6.2 6.2 6.2 6.2	566 5218 4561 8359 4280 8123 3175 7180 2325 6525 4062 7946
45 50	412014 457869 452056 436199 427400 449052 453041	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m hypothetical protein FLJ14503 hypothetical protein FLJ11939 ESTs Homo sapiens cDNA FLJ11918 fis, clone	Al620650 AU077186 RNA AW9550 R38946 AW245084 AW029507 H Al680737	Hs.43761 Hs.108885 65 Hs.101150 Hs.127951 Hs.94229 Hs.161102 Hs.289068	6.3 6.3 6.2 6.2 6.2 6.2 6.2 6.2	566 5218 4561 8359 4280 8123 3175 7180 2325 6525 4062 7946 4384 8211
	412014 457869 452056 436199 427400 449052 453041 439753	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m hypothetical protein FLJ14503 hypothetical protein FLJ11939 ESTs Homo sapiens cDNA FLJ11918 fis, clone hypothetical protein from EUROIMAGE 21	Al620650 AU077186 RNA AW9550 R38946 AW245084 AW029507 H Al680737	Hs.43761 Hs.108885 65 Hs.101150 Hs.127951 Hs.94229 Hs.161102 Hs.289068 Hs.7423	6.3 6.3 0.6.2 6.2 6.2 6.2 6.2 6.2	566 5218 4561 8359 4280 8123 3175 7180 2325 6525 4062 7946
	412014 457869 452056 436199 427400 449052 453041	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m hypothetical protein FLJ14503 hypothetical protein FLJ11939 ESTs Homo sapiens cDNA FLJ11918 fis, clone hypothetical protein from EUROIMAGE 21	Al620650 AU077186 RNA AW9550 R38946 AW245084 AW029507 H Al680737	Hs.43761 Hs.108885 65 Hs.101150 Hs.127951 Hs.94229 Hs.161102 Hs.289068	6.3 6.3 6.2 6.2 6.2 6.2 6.2 6.2	566 5218 4561 8359 4280 8123 3175 7180 2325 6525 4062 7946 4384 8211
	412014 457869 452056 436199 427400 449052 453041 439753 430167	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m hypothetical protein FLJ11939 ESTs Homo sapiens cDNA FLJ11918 fis, clone hypothetical protein from EUROIMAGE 21 FEV protein	Al620650 AU077186 RNA AW9550 R38946 AW245084 AW029507 H Al680737 16 BE262233 Y08976	Hs.43761 Hs.108885 65 Hs.101150 Hs.127951 Hs.94229 Hs.161102 Hs.289068 Hs.7423 Hs.234759	6.3 6.3 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2	566 5218 4561 8359 4280 8123 3175 7180 2325 6525 4062 7946 4384 8211 3429 7412 2655 2656 6775
	412014 457869 452056 436199 427400 449052 453041 439753 430167 451766	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m hypothetical protein FLJ11939 ESTs Homo sapiens cDNA FLJ11918 fis, clone hypothetical protein from EUROIMAGE 21 FEV protein ephnin-B3	AI620650 AU077186 RNA AW9550 R38946 AW245084 AW029507 H AI680737 I6 BE262233 Y08976 NM_001406	Hs.43761 Hs.108885 65 Hs.101150 Hs.127951 Hs.94229 Hs.161102 Hs.289068 Hs.7423 Hs.234759 Hs.2 6988	6.3 6.3 0.6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2	566 5218 4561 8359 4280 8123 3175 7180 2325 6525 4062 7946 4384 8211 3429 7412 2655 2656 6775 4255 4256 8104
50	412014 457869 452056 436199 427400 449052 453041 439753 430167 451766 456508	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m hypothetical protein FLJ14503 hypothetical protein FLJ11939 ESTs Homo sapiens cDNA FLJ11918 fis, clone hypothetical protein from EUROIMAGE 21 FEV protein ephrin-B3 ESTs, Weakly similar to AF208855 1 BM-	AI620650 AU077186 RNA AW9550 R38946 AW245084 AW029507 H AI680737 I6 BE262233 Y08976 NM_001406 0 AA502764	Hs.43761 Hs.108885 65 Hs.101150 Hs.127951 Hs.94229 Hs.161102 Hs.289068 Hs.7423 Hs.234759 Hs.2 6988 Hs.123469	6.3 6.3 16.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2	566 5218 4561 8359 4280 8123 3175 7180 2325 6525 4062 7946 4384 8211 3429 7412 2655 2656 6775 4255 4256 8104 4521 8325
	412014 457869 452056 436199 427400 449052 453041 439753 430167 451766	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m hypothetical protein FLJ11939 ESTs Homo sapiens cDNA FLJ11918 fis, clone hypothetical protein from EUROIMAGE 21 FEV protein ephnin-B3	AI620650 AU077186 RNA AW9550 R38946 AW245084 AW029507 H AI680737 I6 BE262233 Y08976 NM_001406 0 AA502764	Hs.43761 Hs.108885 65 Hs.101150 Hs.127951 Hs.94229 Hs.161102 Hs.289068 Hs.7423 Hs.234759 Hs.2 6988	6.3 6.3 0.6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2	566 5218 4561 8359 4280 8123 3175 7180 2325 6525 4062 7946 4384 8211 3429 7412 2655 2656 6775 4255 4256 8104
50	412014 457869 452056 436199 427400 449052 453041 439753 430167 451766 456508	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m hypothetical protein FLJ14503 hypothetical protein FLJ11939 ESTs Homo sapiens cDNA FLJ11918 fis, clone hypothetical protein from EUROIMAGE 21 FEV protein ephrin-B3 ESTs, Weakly similar to AF208855 1 BM-	AI620650 AU077186 RNA AW9550 R38946 AW245084 AW029507 H AI680737 I6 BE262233 Y08976 NM_001406 0 AA502764	Hs.43761 Hs.108885 65 Hs.101150 Hs.127951 Hs.94229 Hs.161102 Hs.289068 Hs.7423 Hs.234759 Hs.2 6988 Hs.123469 Hs.100623	6.3 6.3 16.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2	566 5218 4561 8359 4280 8123 3175 7180 2325 6525 4062 7946 4384 8211 3429 7412 2655 2656 6775 4255 4256 8104 4521 8325 4522 8326
50	412014 457869 452056 436199 427400 449052 453041 439753 430167 451766 456508 456534 408349	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m hypothetical protein FLJ11939 ESTs Homo sapiens cDNA FLJ11918 fis, clone hypothetical protein from EUROIMAGE 21 FEV protein ephin-B3 ESTs, Weakly similar to AF208855 1 BM-phospholipase C, beta 3, neighbor pseud homeo box C10	AI620650 AU077186 RNA AW9550 R38946 AW245084 AW029507 H AI680737 I6 BE262233 Y08976 NM_001406 0 X9502764 X91195 BE546947	Hs.43761 Hs.108885 65 Hs.101150 Hs.127951 Hs.94229 Hs.161102 Hs.289068 Hs.7423 Hs.234759 Hs.2 6988 Hs.123469 Hs.100623 Hs.44276	6.3 6.3 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2	566 5218 4561 8359 4280 8123 3175 7180 2325 6525 4062 7946 4384 8211 3429 7412 2655 2656 6775 4255 4256 8104 4521 8325 4522 8326 213 4949
50	412014 457869 452056 436199 427400 449052 453041 439753 430167 451766 456508 456534 408349 429903	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m hypothetical protein FLJ11939 ESTs Homo sapiens cDNA FLJ11918 fis, clone hypothetical protein from EUROIMAGE 21 FEV protein ephrin-B3 ESTs, Weakly similar to AF208855 1 BM-phospholipase C, beta 3, neighbor pseud homeo box C10 cyclin-dependent kinase 5, regulatory s	AI620650 AU077186 RNA AW9550 R38946 AW245084 AW029507 H AI680737 G BE262233 Y08976 NM_001406 0 AA502764 X91195 BE546947 AL134197	Hs.43761 Hs.108885 65 Hs.101150 Hs.127951 Hs.94229 Hs.161102 Hs.289068 Hs.7423 Hs.234759 Hs.2 6988 Hs.123469 Hs.100623 Hs.44276 Hs.93597	6.3 6.3 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2	566 5218 4561 8359 4280 8123 3175 7180 2325 6525 4062 7946 4384 8211 3429 7412 2655 2656 6775 4255 4256 8104 4521 8325 4522 8326 213 4949 2616 6746
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50 55 60 65 70 75	412014 457869 452056 436199 427400 449052 453041 439753 430167 451766 456534 408349 429903 439668 431070 410530 434859 450414 402994 450701 414747 449514 440774 418406 452319 447414 41991 432290 418322 452242 427375 406634 418140 436190 426509 438162 414915 45291 429415 409012	ESTs, Weakly similar to A46010 X-linked Homo sapiens, alpha-1 (VI) collagen Homo sapiens, clone IMAGE:4054156, m hypothetical protein FLJ14503 hypothetical protein FLJ14503 hypothetical protein FLJ11939 ESTs Homo sapiens cDNA FLJ11918 fis, clone hypothetical protein from EUROIMAGE 21 FEV protein ephrin-B3 ESTs, Weakly similar to AF208855 1 BM-phospholipase C, beta 3, neighbor pseud homeo box C10 cyclin-dependent kinase 5, regulatory s frizzled (Drosophila) homolog 8 transcription factor 19 (SC1) ATPase, H transporting, lysosomal (vacu collapsin response mediator protein-5; KIAA1716 protein NM_002463*Homo sapiens myxovirus (in hypothetical protein XP_098151 (leucine centromere protein F (350/400kD, mitosi protein predicted by clone 23627 ESTs cytokeratin 20 transducin-like enhancer of split 1, ho neuroblastoma (nerve tissue) protein eyes absent (Drosophila) homolog 1 Homo sapiens cDNA FLJ10237 fis, clone cyclin-dependent kinase inhibitor 3 (CD gycosyltransferase metallocarboxypeptidase CPX-1 GDP dissociation inhibitor 1 microfibrillar-associated protein 2 gb:Homo sapiens cDNA FLJ10197 fis, clo pentaxin-related gene, rapidly induced deleted in bladder cancer chromosome re myxovirus (influenza) resistance 1, hom CDC7 (cell division cycle 7, S. cerevis procollagen C-endopeptidase enhancer DKFZP4341216 protein	AI620650 AU077186 RNA AW9550 R38946 AW245084 AW029507 I6 BE262233 Y08976 NM_001406 0 AA502764 X91195 BE546947 AL134197 AL134197 AL134197 AL134197 AU091277 AW408164 M25809 BE255080 AI907735 Iff H39960 U30872 AW970440 AI420611 X73501 M99435 D82343 AJ000098 H AK001099 AA284166 R50956 AL035460 AA386235 BE613836 MA01059 M31166 NM_014618 NM_002462 AF015592 NM_002593 AL117435 AI692649	Hs.43761 Hs.108885 65 Hs.101150 Hs.127951 Hs.94229 Hs.161102 Hs.289068 Hs.7423 Hs.234759 Hs.2 6988 Hs.123469 Hs.100623 Hs.44276 Hs.93597 Hs.302634 Hs.64173 Hs.299315 Hs.249184 Hs.64173 Hs.299315 Hs.274273 Hs.274273 Hs.288467 Hs.288467 Hs.288467 Hs.288467 Hs.288467 Hs.288467 Hs.288467 Hs.288467 Hs.288467 Hs.288467 Hs.288467 Hs.288467 Hs.28853 Hs.74376 Hs.94210 Hs.274273 Hs.84113 Hs.159993 Hs.177536 Hs.3821 Hs.2853 Hs.2050 Hs.2050 Hs.2050 Hs.202097 Hs.28853 Hs.202097 Hs.28853 Hs.202097 Hs.49725 Hs.29551	6.3 6.3 6.6.2 6.2 6.2 6.2 6.2 6.2 6.2 6	566 5218 4561 8359 4280 8123 3175 7180 2325 6525 4062 7946 4384 8211 3429 7412 2655 2656 6775 4255 4256 8104 4521 8325 4522 8326 213 4949 2616 6746 3414 7397 2744 6837 469 470 5141 3083 7104 4165 8033 4701 4183 8048 861 862 5455 4093 7975 3486 7462 1235 1236 5740 4313 4314 8152 3924 3925 7834 1404 1405 5869 2862 6926 1214 5727 4305 8145 2320 2321 6522 31 4813 1196 5713 3173 3174 7179 2243 2244 6468 3306 3307 7299 888 889 5473 4310 4311 8150 2557 2558 6706 293 294 5013

	414812	monokine induced by gamma interferon	X72755	Hs.77367	5.9	874 875 5464
	424439	ligase I, DNA, ATP-dependent	AA579635	Hs.1770	5.9	1950 6265
	441689	ESTs	Al123705	Hs.289068	5.9	3533 7505
	415947					
5		mutS (E. coli) homolog 2 (colon cancer,	U04045	Hs.78934	5.9	960 961 5529
3	420238	ESTs, Weakly similar to 2109260A B cell	AA256783	Hs.12549	5.9	1436 5894
	434449	hypothetical protein FLJ22041 similar t	AW953484	Hs.3849	5.9	3057 7083
	414732	minichromosome maintenance deficient (	S AW410976	Hs.77152	5.9	859 5453
	410102	ESTs; homologue of PEM-3 [Ciona savigi			5.8	422 5107
	443912	ESTs	R37257	Hs. 184780	5.8	3657 7618
10						
10	429163	gb:am20a10.s1 Soares_NFL_T_GBC_S1			5.8	2521 6678
	435793	KIAA1313 protein	AB037734	Hs.4993	5.8	3152 3153 7162
	435978	Homo sapiens PR-domain zinc finger prof	AF272899	Hs.135118	5.8	3167 3168 7175
	422283	CDC45 (cell division cycle 45, S.cerevi	AW411307	Hs.114311	5.8	1668 6061
	452833	KIAA0124 protein	BE559681	Hs.30736	5.8	4355 8186
15		•				
13	409327	collagen, type IX, alpha 3	L41162	Hs.53563	5.8	341 342 5047
	400263	Eos Control		Hs.75309	5.8	4613
	447733	MAD2 (mitotic arrest deficient, yeast,	AF157482	Hs.19400	5.8	3955 3956 7860
	417115	small nuclear ribonucleoprotein polypep	AW952792	Hs.334612	5.8	1081 5622
	444371	forkhead box M1	BE540274	Hs.239	5.8	3696 7651
20						
20	453830	ESTs	AA534296	Hs.20953	5.8	4445 8263
	419550	KIAA0128 protein; septin 2	D50918	Hs.90998	5.8	1348 1349 5827
	457211	ESTs, Weakly similar to S51797 vasodila	AW972565	Hs.32399	5.8	4543 8344
	435141	Rec8p, a meiotic recombination and sist	AA862498	Hs.4767	5.8	3108 7126
	447499	protocadherin beta 16	AW262580	Hs.147674	5.8	3934 7842
25						
23	427528	minichromosome maintenance deficient (		Hs.179565	5.8	2341 6537
	417933	thymidylate synthetase	X02308	Hs.82962	5.8	1170 1171 5692
	439963	platelet-activating factor acetylhydrol	AW247529	Hs.6793	5.8	3441 7423
	438821	ESTs	AA826425	Hs.192375	5.8	3355 7339
	431049	hypothetical protein FLJ22548 similar t	AA846576	Hs.103267	5.8	2743 6836
30	444783	anillin (Drosophila Scraps homolog), ac	AK001468	Hs.62180	5.8	3722 3723 7672
50						
	415857	Homo sapiens cDNA FLJ11381 fis, clone			5.8	952 5523
	409062	Homo sapiens mRNA; cDNA DKFZp564B	1182 (f AL1574	88 Hs.50150	5.8	301 5018
	418478	cyclin-dependent kinase inhibitor 2A (m	U38945	Hs.1174	5.7	1245 1246 5747
	440209	neurexin 3	H05049	Hs.247837	5.7	3461 7440
35	428342	Homo sapiens cDNA FLJ13458 fis, clone		Hs.349283	5.7	2432 6611
55						
	407136	Homo sapiens cDNA FLJ11533 fis, clone		Hs.287420	5.7	113 4865
	406367	NM_022357:Homo sapiens putative meta	llo		5.7	4804
	428949	hypothetical protein DKFZp434J0617	AA442153	Hs.104744	5.7	2490 6655
	433075	sortilin 1	NM_002959	Hs 3 51872	5.7	2936 2937 6987
40	428289	complement component 2	M26301	Hs.2253	5.7	2421 2422 6603
	438915	Williams-Beuren syndrome chromosome			5.7	3365 7348
	413882	ESTs	AA132973	Hs.184492	5.7	750 5364
	449789	hypothetical protein DKFZp566I133	AA004300	Hs.380132	5.7	4116 7994
	418574	M-phase phosphoprotein 9	N28754	Hs.351230	5.7	1258 5757
45	425295	ESTs	AA431366	Hs.37251	5.7	2085 6360
. •	407824	Homo sapiens cDNA FLJ14388 fis, clone		Hs.9812	5.7	166 4910
	424840	extra spindle poles, S. cerevisiae, hom	D79987	Hs.153479	5.7	2011 2012 6306
	448775	nudix (nucleoside diphosphate linked mo	AB025237	Hs.388	5.7	4036 4037 7927
	420005	ESTs	AW271106	Hs.133294	5.7	1407 5871
50	425048	ESTs	H05468	Hs.164502	5.7	2040 6327
	412978	homeo box C6	AI431708	Hs.820	5.7	665 5298
	409698	short stature homeobox 2	AF022654	Hs.55967	5.6	378 379 5074
				113.33307		
	406964	FGENES predicted novel secreted protein			5.6	87 88 4847
<i></i>	441016	ESTs	AW138653	Hs.25845	5.6	3494 7470
55	437898	ESTs	W81260	Hs.43410	5.6	3293 7286
	446619	secreted phosphoprotein 1 (osteopontin,	AU076643	Hs.313	5.6	3861 7782
	414312	ESTs	AA155694	Hs.191060	5.6	800 5407
	435708	ESTs	AI362949	Hs.6439	5.6	3146 7158
60	453665	ESTs, Weakly similar to SFRB_HUMAN S			5.6	4434 8253
60	438944	KIAA1444 protein	AA302517	Hs.92732	5.6	3368 7351
	421506	thymidine kinase 1, soluble	BE302796	Hs.105097	5.6	1550 5976
	432562	DKFZP586G1122 protein	BE531048	Hs.278422	5.6	2887 6948
	434022	ESTs	R18374	Hs.117956	5.6	3024 7057
	428046	ESTs, Moderately similar to I38022 hypo		Hs.337534	5.6	2393 6579
65	446021	ribosomat protein L4				
00			BE389213	Hs.286	5.6	3811 7740
	422094	F-box only protein 5	AF129535	Hs.272027	5.5	1642 1643 6041
	447200	Homo sapiens cDNA FLJ14028 fis, clone	H BE543146	Hs.281434	5.5	3899 7815
	424837	N-acetyltransferase, homolog of S. cere	BE276113	Hs.333034	5.5	2010 6305
	406851	major histocompatibility complex, class	AA609784	Hs.352392	5.5	71 4838
70	432247	ESTs	AA531287	Hs.105805	5.5	2859 6923
, 0						
	451407	fibroblast growth factor 12B	AA131376 .	Hs.343809	5.5	4230 8085
	418216	AF15q14 protein	AA662240	Hs.283099	5.5	1206 5721
	434149	hypothetical protein MGC5469	Z43829	Hs.244624	5.5	3030 7063
	426265	ESTs	AA421069	Hs.97896	5.5	2189 6432
75	428058	ESTs	AI821625	Hs.191602	5.5	2395 6581
· <del>-</del>	414430					
		ubiquitin carboxyl-terminal esterase L1	AI346201	Hs.76118	5.5	815 5419
	450693	ESTs	AW450461	Hs.203965	5.5	4182 8047
	419260	protein kinase Njmu-R1	H08819	Hs.334851	5.5	1323 5807
	424440	ESTs	AA340743	Hs.133208	5.5	1951 6266
80	408196	SRY (sex determining region Y)-box 22	AL034548	Hs.43627	5.5	199 200 4940
	439456	hypothetical protein FLJ20980	AI752409		5.5	
				Hs.109314		3400 7383
	422871	collagen, type XI, alpha 2	AL031228	Hs.121509	5.5	1753 1754 6123
	418255	ESTs	AW135405	Hs.37251	5.5	1209 5723
0.5	420805	reticulon 1	L10333	Hs.99947	5.4	1480 1481 5926
85	448277	hypothetical protein FLJ13044	BE622827	Hs.99486	5.4	3991 7890
	437741	putative transmembrane protein; homolog		Hs.5809	5.4	3283 7276

	413945	CD14 antigen	NM_000591	Hs.7 5627	5.4	758 759 5371
	424870	ESTs	T15545	Hs.244624	5.4	2014 6308
	425157	phospholipid transfer protein	NM_006227	Hs.2 83007	5.4	2057 2058 6340
	429038	seizure related gene 6 (mouse)-like	AL023513	Hs.194766	5.4	2504 2505 6666
5	441954	Fanconi anemia, complementation group		Hs.8047	5.4	3542 7514
	409608					
		cadherin, EGF LAG seven-pass G-type re		Hs.55173	5.4	367 368 5065
	443907	TYRO protein tyrosine kinase binding pr		Hs.9963	5.4	3656 7617
	410342	Fc fragment of IgE, high affinity I, re	R31350	Hs.743	5.4	453 5129
10	445472	Homo sapiens mRNA for KIAA0293 gene	, pa AB006631	Hs.12784	5.4	3773 3774 7711
10	408096	dihydrofolate reductase	BE250162	Hs.83765	5.4	189 4931
	429612	pituitary tumor-transforming 1	AF062649	Hs.252587	5.4	2586 2587 6726
	448103	hypothetical protein FLJ11362	AA968672	Hs.8929	5.4	3976 7878
	436748	collagen, type VI, alpha 2	BE159107	Hs.159263	5.4	3212 7213
	443883	serine (or cysteine) proteinase inhibit	AA114212	Hs.9930	5.4	3653 7614
15	433570	ESTs, Weakly similar to S55916 ribosoma		Hs.109007	5.4	2988 7027
1.0	424905	NIMA (never in mitosis gene a)-related	NM_002497		5.4	2022 2023 6315
	452106	ESTs	AI141031	Hs.21342	5.4	4289 8131
	422799	neurexophilin 4	Al933199	Hs.120911	5.4	1738 6113
20	450755	ESTs	AA010984	Hs.159464	5.3	4190 8054
20	408901	hypothetical protein FLJ10468	AK001330	Hs.48855	5.3	272 273 4997
	407756	ubiquitin specific protease 18	AA116021	Hs.38260	5.3	159 4903
	423961	periostin (OSF-2os)	D13666	Hs.136348	5.3	1878 1879 6215
	434669	core histone macroH2A2.2	AF151534	Hs.92023	5.3	3068 3069 7093
	446839	mitotic spindle coiled-coil related pro	BE091926	Hs.16244	5.3	3873 7793
25	437162	thyroid hormone receptor coactivating p	AW005505	Hs.5464	5.3	3239 7237
	450149	Zic family member 2 (odd-paired Drosoph		Hs.132863	5.3	4136 8011
	423354	calcium channel, voltage-dependent, alp	AB011130	Hs.127436	5.3	1798 1799 6157
	452402	peroxisome proliferative activated rece	AI138530	Hs.22216	5.3	4327 8162
	401621	NM_025193:Homo sapiens 3 beta-hydrox		113.22210	5.3	
30				Un 42720		4656
50	408212	hypothetical protein	AA297567	Hs.43728	5.3	206 4945
	447519	ESTs	U46258	Hs.339665	5.3	3936 7844
	446674	solute carrier family 4 (anion exchange	AA563892	Hs.350401	5.3	3868 7788
	438086	nuclear receptor subfamily 1, group I,	AA336519	Hs.83623	5.3	3300 7293
2.5	432154	ESTs	AI701523	Hs.112577	5.3	2846 6913
35	424949	core-binding factor, runt domain, alpha	AF052212	Hs.153934	5.3	2030 6321
	421508	absent in melanoma 2	NM_004833	Hs.1 05115	5.3	1551 1552 5977
	457060	beta tubulin 1, class VI	AA402364	Hs.303023	5.3	4538 8339
	412926	macrophage myristoylated alanine-rich C		Hs.75061	5.3	655 5290
	456364	Homo sapiens, clone IMAGE:3163559, m			5.3	4520 8324
40	448966	phosphoinositol 3-phosphate-binding pro		Hs.86149	5.3	4053 7938
10	451811	hypothetical protein MGC1136	AA663485	Hs.8719	5.3	4259 8106
	447425					
		acylphosphatase 1, erythrocyte (common)		Hs.18573	5.3	3927 7836
	406663	immunoglobulin heavy constant mu	U24683		5.3	39 40 4818
15	420596	polymerase (DNA directed), epsilon 2	NM_002692		5.3	1467 1468 5917
45	434851	ESTs	AA806164	Hs.116502	5.3	3082 7103
	422728	MAD (mothers against decapentaplegic, C		Hs.103262	5.2	1729 6107
	418827	HT021	BE327311	Hs.47166	5.2	1275 5770
	440700	guanine nucleotide binding protein (G p	AW952281	Hs.296184	5.2	3481 7458
<b>5</b> 0	424223	putative DNA/chromatin binding motif	AJ243706	Hs.143323	5.2	1915 1916 6240
50	420301	paired box gene 5 (B-cell lineage speci	AA767526	Hs.22030	5.2	1442 5899
	425348	cadherin-like 24	AL137477	Hs.155912	5.2	
				Hs.155912	5.2 5.2	2091 2092 6364
	425348 406837	immunoglobulin kappa constant	R70292		5.2	2091 2092 6364 69 4836
	425348 406837 432191	immunoglobulin kappa constant hypothetical protein, clone Telethon(It	R70292 AA043193	Hs.155912 Hs.156110 Hs.273186	5.2 5.2	2091 2092 6364 69 4836 2851 6916
55	425348 406837 432191 409625	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut	R70292 AA043193 AI394338	Hs.155912 Hs.156110 Hs.273186 Hs.55235	5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066
55	425348 406837 432191 409625 410407	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX	R70292 AA043193 AI394338 X66839	Hs.155912 Hs.156110 Hs.273186 Hs.55235 Hs.63287	5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135
55	425348 406837 432191 409625 410407 439653	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373	R70292 AA043193 AI394338	Hs.155912 Hs.156110 Hs.273186 Hs.55235	5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396
55	425348 406837 432191 409625 410407 439653 401797	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon	R70292 AA043193 AI394338 X66839 AW021103	Hs.155912 Hs.156110 Hs.273186 Hs.55235 Hs.63287 Hs.6631	5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663
55	425348 406837 432191 409625 410407 439653 401797 443063	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs	R70292 AA043193 AI394338 X66839 AW021103	Hs.155912 Hs.156110 Hs.273186 Hs.55235 Hs.63287 Hs.6631 Hs.65239	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564
	425348 406837 432191 409625 410407 439653 401797 443063 415197	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha	R70292 AA043193 AI394338 X66839 AW021103 AI031852 D82272	Hs.155912 Hs.156110 Hs.273186 Hs.55235 Hs.63287 Hs.6631 Hs.65239 Hs.283615	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495
55 60	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2	R70292 AA043193 AI394338 X66839 AW021103 AI031852 D82272 AW963419	Hs.155912 Hs.156110 Hs.273186 Hs.55235 Hs.63287 Hs.6631 Hs.65239	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430
	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target	R70292 AA043193 AI394338 X66839 AW021103 AI031852 D82272 AW963419 AF084545	Hs. 155912 Hs. 156110 Hs. 273186 Hs. 55235 Hs. 63287 Hs. 6631 Hs. 65239 Hs. 283615 Hs. 155223	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626
	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs	R70292 AA043193 AI394338 X66839 AW021103 AI031852 D82272 AW963419 AF084545 AA725362	Hs.155912 Hs.156110 Hs.273186 Hs.55235 Hs.63287 Hs.6631 Hs.65239 Hs.283615 Hs.155223 Hs.75514	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125
	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124 416140	immunoglobulin kappa constant hypothetical protein, clone Telethon(lt sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro	R70292 AA043193 AI394338 X66839 AW021103 AI031852 D82272 AW963419 AF084545 AA725362 AI918035	Hs. 155912 Hs. 156110 Hs. 273186 Hs. 55235 Hs. 63287 Hs. 6631 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545
60	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro Horno sapiens mRNA for FLJ00065 protei	R70292 AA043193 AI394338 X66839 AW021103 AI031852 D82272 AW963419 AF084545 AA725362 AI918035	Hs. 155912 Hs. 156110 Hs. 273186 Hs. 55235 Hs. 63287 Hs. 6631 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545 152 4897
	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124 416140	immunoglobulin kappa constant hypothetical protein, clone Telethon(lt sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro	R70292 AA043193 AI394338 X66839 AW021103 AI031852 D82272 AW963419 AF084545 AA725362 AI918035	Hs. 155912 Hs. 156110 Hs. 273186 Hs. 55235 Hs. 63287 Hs. 6631 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545
60	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124 416140 407719	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro Horno sapiens mRNA for FLJ00065 protei	R70292 AA043193 AI394338 X66839 AW021103 AI031852 D82272 AW963419 AF084545 AA725362 AJ918035 n, AW963866	Hs. 155912 Hs. 156110 Hs. 273186 Hs. 55235 Hs. 63287 Hs. 6631 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198 Hs. 44021	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545 152 4897
60	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124 416140 407719 438115	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodisetrase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro Homo sapiens mRNA for FLJ00065 protei ESTs	R70292 AA043193 A1394338 X66839 AW021103 AI031852 D82272 AW963419 AF084545 AA725362 A1918035 n, AW963866 A1564020	Hs. 155912 Hs. 155912 Hs. 156110 Hs. 273186 Hs. 25235 Hs. 63287 Hs. 6631 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198 Hs. 44021 Hs. 122014 Hs. 122014	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545 152 4897 3304 7297 520 5180
60	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124 416140 407719 438115 411251 407910	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro Homo sapiens mRNA for FLJ00065 protei ESTs HHGP protein fibronectin leucine rich transmembrane	R70292 AA043193 A1043185 X66839 AW021103 AI031852 D82272 AW963419 AF084545 AA725362 A1918035 n, AW963866 AI564020 R19774 AA650274	Hs. 155912 Hs. 155912 Hs. 156110 Hs. 273186 Hs. 55235 Hs. 63287 Hs. 6631 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198 Hs. 44021 Hs. 122014 Hs. 122014 Hs. 122014 Hs. 22835 Hs. 41296	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545 152 4897 3304 7297 520 5180 180 4922
60	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124 416140 407719 438115 411251 407910 441362	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro Homo sapiens mRNA for FLJ00065 protei ESTs HHGP protein fibronectin leucine rich transmembrane RAD51 (S. cerevisiae) homolog (E coli R	R70292 AA043193 AI394338 X66839 AW021103 AI031852 D82272 AW963419 AF084545 AA725362 AJ918035 n, AW963866 AI564020 R19774 AA6502274 BE614410	Hs. 155912 Hs. 155910 Hs. 273186 Hs. 273186 Hs. 55235 Hs. 63287 Hs. 6631 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198 Hs. 44021 Hs. 122014 Hs. 122014 Hs. 22835 Hs. 41296 Hs. 23044	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545 152 4897 3304 7297 520 5180 180 4922 3512 7486
60 65	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124 416140 407719 438115 411251 407910 441362 433332	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro Homo sapiens mRNA for FLJ00065 protei ESTs HHGP protein fibronectin leucine rich transmembrane RAD51 (S. cerevisiae) homolog (E coli R Homo sapiens clone TCCCTA00151 mRN	R70292 AA043193 AI394338 X66839 AW021103 AI031852 D82272 AW963419 AF084545 AA725362 AI918035 n, AW963866 AI564020 R19774 AA650274 BE614410 IA seq AI3673	Hs. 155912 Hs. 155912 Hs. 156110 Hs. 273186 Hs. 55235 Hs. 63287 Hs. 6631 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198 Hs. 44021 Hs. 122014 Hs. 22835 Hs. 41296 Hs. 23044 47 Hs. 44898	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545 152 4897 3304 7297 520 5180 180 4922 3512 7486 2971 7012
60	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124 416140 407719 438115 411251 407910 441362 433332 432215	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro Homo sapiens mRNA for FLJ00065 protei ESTs HHGP protein fibronectin leucine rich transmembrane RAD51 (S. cerevisiae) homolog (E coli R Homo sapiens clone TCCCTA00151 mRN ribonucleotide reductase M1 polypeptide	R70292 AA043193 A1394338 X66839 AW021103 A1031852 D82272 AW963319 AF084545 AA725362 A1918035 n, AW963866 A1564020 R19774 AA650274 BE614410 As seq A13673- AU076609	Hs. 155912 Hs. 155912 Hs. 156110 Hs. 273186 Hs. 273186 Hs. 65235 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198 Hs. 44021 Hs. 122014 Hs. 22835 Hs. 41296 Hs. 23044 47 Hs. 44898 Hs. 2934	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545 152 4897 3304 7297 520 5180 180 4922 3512 7486 2971 7012 2853 6918
60 65	425348 406837 432191 409625 410407 439653 401797 426215 40363 415197 426215 400419 435124 416140 407719 438115 411251 407910 441362 433332 432215 417089	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro Homo sapiens mRNA for FLJ00065 protei ESTs HHGP protein fibronectin leucine rich transmembrane RADS1 (S. cerevisiae) homolog (E coli R Homo sapiens clone TCCCTA00151 mR homouncledide reductase M1 polypeptide Homo sapiens cDNA: FLJ21909 fis, clone	R70292 AA043193 A1394338 X66839 AW021103 AI031852 D82272 AW963419 AF084545 AA725362 A1918035 n, AW963866 AI564020 R19774 AA650274 BE614410 As eq AI3673- AU076609 H52280	Hs. 155912 Hs. 155912 Hs. 156110 Hs. 273186 Hs. 273186 Hs. 55235 Hs. 6631 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198 Hs. 44021 Hs. 122014 Hs. 122014 Hs. 22835 Hs. 41296 Hs. 23044 47 Hs. 44898 Hs. 24934 Hs. 18612	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545 152 4897 3304 7297 520 5180 180 4922 3512 7486 2971 7012 2853 6918 1077 5619
60 65	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124 416140 407719 438115 411251 407910 441362 433332 432215 417089 408495	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro Homo sapiens mRNA for FLJ00065 protei ESTs HHGP protein fibronectin leucine rich transmembrane RAD51 (S. cerevisiae) homolog (E coli R Homo sapiens clone TCCCTA00151 mRN ribonucleotide reductase M1 polypeptide Homo sapiens cDNA: FLJ21909 fis, clone ESTs	R70292 AA043193 AI394338 X66839 AW021103 AI031852 D82272 AW963419 AF084545 AA725362 AI918035 n, AW963866 AI564020 R19774 AA650274 BE614410 IA seq AI3673- AU076609 H52280 W68796	Hs. 155912 Hs. 155912 Hs. 156110 Hs. 273186 Hs. 55235 Hs. 63287 Hs. 6631 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198 Hs. 44021 Hs. 122014 Hs. 122014 Hs. 122035 Hs. 41296 Hs. 23044 47 Hs. 44898 Hs. 2934 Hs. 18612 Hs. 18612 Hs. 18612 Hs. 187331	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545 152 4897 3304 7297 520 5180 180 4922 3512 7486 2971 7012 2853 6918 1077 5619 232 4963
60 65	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124 416140 407719 438115 411251 407719 433332 432215 417029 408495 417222	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro Homo sapiens mRNA for FLJ00065 protei ESTs HHGP protein fibronectin leucine rich transmembrane RAD51 (S. cerevisiae) homolog (E coli R Homo sapiens clone TCCCTA00151 mRN ribonucleotide reductase M1 polypeptide Homo sapiens cDNA: FLJ21909 fis, clone ESTs hypothetical protein MGC2383	R70292 AA043193 A1394338 X66839 AW021103 A1031852 D82272 AW963419 AF084545 AA725362 A1918035 n, AW963866 A1564020 R19774 AA650274 BE614410 A seq A13673 AU076609 H52280 W68796 A1525424	Hs. 155912 Hs. 155912 Hs. 156110 Hs. 273186 Hs. 273186 Hs. 65235 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198 Hs. 44021 Hs. 122014 Hs. 22835 Hs. 41296 Hs. 23044 47 Hs. 44898 Hs. 2934 Hs. 18612 Hs. 237731 Hs. 42053	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545 152 4897 3304 7297 520 5180 180 4922 3512 7486 2971 7012 2853 6918 1077 5619 232 4963 1089 5629
60 65 70	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124 416140 407719 438115 411251 407910 441362 433332 432215 417089 408495 417222 428977	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro Homo sapiens mRNA for FLJ00065 protei ESTs HHGP protein fibronectin leucine rich transmembrane RADS1 (S. cerevisiae) homolog (E coli R Homo sapiens clone TCCCTA00151 mRN ribonucleotide reductase M1 polypeptide Homo sapiens cDNA: FLJ21909 fis, clone ESTs	R70292 AA043193 A1394338 X66839 AW021103 A1031852 D82272 AW963419 AF084545 A4725362 A1918035 n, AW963866 A1564020 R19774 AA650274 BE614410 As seq A13673 AU076609 H52280 W68796 A1525424 AK001404	Hs. 155912 Hs. 155912 Hs. 156110 Hs. 273186 Hs. 273186 Hs. 55235 Hs. 6631 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198 Hs. 44021 Hs. 122014 Hs. 22835 Hs. 41296 Hs. 23044 47 Hs. 44898 Hs. 2934 Hs. 2934 Hs. 18612 Hs. 237731 Hs. 42053 Hs. 42053 Hs. 42053 Hs. 42063 Hs. 2998	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545 152 4897 3304 7297 520 5180 180 4922 3512 7486 2971 7012 2853 6918 1077 5619 232 4963 1089 5629 2496 6659
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60 65 70	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124 416140 407719 438115 411251 407910 441362 433332 432215 417089 408495 417222 428977 414011 436679	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro Homo sapiens mRNA for FLJ00065 protei ESTs HHGP protein fibronectin leucine rich transmembrane RAD51 (S. cerevisiae) homolog (E coli R Homo sapiens clone TCCCTA00151 mRN ribonucleotide reductase M1 polypeptide Homo sapiens cDNA: FLJ21909 fis, clone ESTs hypothetical protein MGC2383 cyclin B2 asparagine synthetase ESTs, Weakly similar to unnamed protein	R70292 AA043193 AI394338 X66839 AW021103 AI031852 D82272 AW963419 AF084545 AA725362 AI918035 n, AW963866 AI564020 R19774 BE614410 A seq AI3673- AU076609 H52280 W68796 AI525424 AK001404 AA307680 AI127483	Hs. 155912 Hs. 155912 Hs. 156110 Hs. 273186 Hs. 55235 Hs. 63287 Hs. 6631 Hs. 65239 Hs. 2833615 Hs. 155223 Hs. 75514 Hs. 301198 Hs. 44021 Hs. 122014 Hs. 122014 Hs. 22835 Hs. 44021 Hs. 2334 Hs. 18612 Hs. 18612	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545 152 4897 3304 7297 520 5180 180 4922 3512 7486 2971 7012 2853 6918 1077 5619 232 4963 1089 5629 2496 6659 766 5377 3210 7211
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60 65 70 75	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124 416140 407719 438115 411251 407910 441362 433332 432215 417029 408495 417222 42897 431958 422997 425322 432383 424825 423897 407103	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro Homo sapiens mRNA for FLJ00065 protei ESTs HHGP protein fibronectin leucine rich transmembrane RAD51 (S. cerevisiae) homolog (E coli R Homo sapiens clone TCCCTA00151 mRN ribonucleotide reductase M1 polypeptide Homo sapiens clone TCCCTA00151 mRN ribonucleotide reductase M1 polypeptide Homo sapiens clone TCCCTA00151 mRN ribonucleotide reductase M1 polypeptide Homo sapiens clone TCCCTA00151 mRN ribonucleotide reductase M1 polypeptide Homo sapiens cDNA: FLJ21909 fis, clone ESTs hypothetical protein MGC2383 cyclin B2 asparagine synthetase ESTs, Weakly similar to unnamed protein cadherin 3, type 1, P-cadherin (placent DNA replication factor protein kinase, DNA-activated, catalyti Homo sapiens cDNA FLJ20137 fis, clone procollagen-lysine, 2-oxoglutarate 5-di CKFZP434N178 protein MGC13170	R70292 AA043193 A1394338 X66839 AW021103 A1031852 D82272 AW963419 AF084545 AA725362 A1918035 n, AW963866 A1564020 R19774 AA650274 BE614410 AS eq A13673- AU076609 H52280 W68796 A1525424 AK001404 AA307680 A1127483 X63629 BE018212 U63630 C AK000144 AF207069 AB033062 AA424881	Hs. 155912 Hs. 155912 Hs. 156110 Hs. 273186 Hs. 55235 Hs. 63287 Hs. 6631 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198 Hs. 44021 Hs. 122014 Hs. 122014 Hs. 122014 Hs. 122035 Hs. 122035 Hs. 41296 Hs. 23044 47 Hs. 44898 Hs. 2934 Hs. 18612 Hs. 12934 Hs. 19459 Hs. 19459 Hs. 120451 Hs. 122085 Hs. 155637 Hs. 124449 Hs. 153357 Hs. 153357 Hs. 153357 Hs. 153357 Hs. 134970 Hs. 1256301	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545 152 4897 3304 7297 520 5180 180 4922 3512 7486 2971 7012 2853 6918 1077 5619 232 4963 1089 5629 2496 6659 766 5377 3210 7211 2834 2835 6904 1766 6133 2089 2090 6363 2868 6931 2005 2006 6302 1863 1864 6205 110 4862
60 65 70 75	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124 416140 407719 438115 411251 407910 441362 433332 432215 417022 428977 414011 436679 431958 422997 424825 42383 424825 42383 424825 423897 407103 422765	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro Homo sapiens mRNA for FLJ00065 protei ESTs HHGP protein fibronectin leucine rich transmembrane RAD51 (S. cerevisiae) homolog (E coli R Homo sapiens clone TCCCTA00151 mRN ribonucleotide reductase M1 polypeptide Homo sapiens cDNA: FLJ21909 fis, clone ESTs hypothetical protein MGC2383 cyclin B2 asparagine synthetase ESTs, Weakly similar to unnamed protein cadherin 3, type 1, P-cadherin (placent DNA replication factor protein kinase, DNA-activated, catalyti Homo sapiens cDNA FLJ20137 fis, clone procollagen-lysine, 2-oxoglutarate 5-di DKFZP434N178 protein MGC13170 baculoviral IAP repeat-containing 5 (su	R70292 AA043193 A1394338 X66839 AW021103 A1031852 D82272 AW963419 AF084545 AA725362 A1918035 n, AW963866 A1564020 R19774 AA650274 BE614410 A seq A13673-AU076609 H52280 W68796 A1525424 AK001404 AA307680 A1127483 X63629 BE018212 U63630 C AK000144 AF207069 AB033062 AA424881 AW409701	Hs. 155912 Hs. 155912 Hs. 156110 Hs. 273186 Hs. 273186 Hs. 25235 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198 Hs. 44021 Hs. 122014 Hs. 122014 Hs. 122014 Hs. 22835 Hs. 41296 Hs. 2334 Hs. 18612 Hs. 2833 Hs. 194698 Hs. 2934 Hs. 155627 Hs. 122908 Hs. 155637 Hs. 153357 Hs. 153357 Hs. 153357 Hs. 153357 Hs. 153357 Hs. 153357 Hs. 156301 Hs. 1578	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545 152 4897 3304 7297 520 5180 180 4922 3512 7486 2971 7012 2853 6918 1077 5619 232 4963 1089 5629 2496 6659 2496 6659 77 3210 7211 2834 2835 6904 1766 6133 2089 2090 6363 2868 6931 2005 2006 6302 1863 1864 6205 110 4862
60 65 70 75	425348 406837 432191 409625 410407 439653 401797 443063 415197 426215 400419 435124 416140 407719 438115 411251 407910 441362 433332 432215 417029 408495 417222 42897 431958 422997 425322 432383 424825 423897 407103	immunoglobulin kappa constant hypothetical protein, clone Telethon(It sphingomyelin phosphodiesterase 2, neut carbonic anhydrase IX hypothetical protein FLJ20373 Target Exon ESTs hypothetical protein TAJ-alpha stanniocalcin 2 Target ESTs roundabout (axon guidance receptor, Dro Homo sapiens mRNA for FLJ00065 protei ESTs HHGP protein fibronectin leucine rich transmembrane RAD51 (S. cerevisiae) homolog (E coli R Homo sapiens clone TCCCTA00151 mRN ribonucleotide reductase M1 polypeptide Homo sapiens clone TCCCTA00151 mRN ribonucleotide reductase M1 polypeptide Homo sapiens clone TCCCTA00151 mRN ribonucleotide reductase M1 polypeptide Homo sapiens clone TCCCTA00151 mRN ribonucleotide reductase M1 polypeptide Homo sapiens cDNA: FLJ21909 fis, clone ESTs hypothetical protein MGC2383 cyclin B2 asparagine synthetase ESTs, Weakly similar to unnamed protein cadherin 3, type 1, P-cadherin (placent DNA replication factor protein kinase, DNA-activated, catalyti Homo sapiens cDNA FLJ20137 fis, clone procollagen-lysine, 2-oxoglutarate 5-di CKFZP434N178 protein MGC13170	R70292 AA043193 A1394338 X66839 AW021103 A1031852 D82272 AW963419 AF084545 AA725362 A1918035 n, AW963866 A1564020 R19774 AA650274 BE614410 AS eq A13673- AU076609 H52280 W68796 A1525424 AK001404 AA307680 A1127483 X63629 BE018212 U63630 C AK000144 AF207069 AB033062 AA424881	Hs. 155912 Hs. 155912 Hs. 156110 Hs. 273186 Hs. 55235 Hs. 63287 Hs. 6631 Hs. 65239 Hs. 283615 Hs. 155223 Hs. 75514 Hs. 301198 Hs. 44021 Hs. 122014 Hs. 122014 Hs. 122014 Hs. 122035 Hs. 122035 Hs. 41296 Hs. 23044 47 Hs. 44898 Hs. 2934 Hs. 18612 Hs. 12934 Hs. 19459 Hs. 19459 Hs. 120451 Hs. 122085 Hs. 155637 Hs. 124449 Hs. 153357 Hs. 153357 Hs. 153357 Hs. 153357 Hs. 134970 Hs. 1256301	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	2091 2092 6364 69 4836 2851 6916 369 5066 460 461 5135 3413 7396 4663 3596 7564 919 5495 2187 6430 22 23 4626 3107 7125 978 5545 152 4897 3304 7297 520 5180 180 4922 3512 7486 2971 7012 2853 6918 1077 5619 232 4963 1089 5629 2496 6659 766 5377 3210 7211 2834 2835 6904 1766 6133 2089 2090 6363 2868 6931 2005 2006 6302 1863 1864 6205 110 4862

	407400		44000000	11- 200240	- 4	440 4074
	407192	gb:af12e02.s1 Soares_testis_NHT Homo			5.1	119 4871
	435080	hypothetical protein FLJ14428	AI831760	Hs.155111	5.1	3103 7122
	428479	cell division cycle 2, G1 to S and G2 t	Y00272	Hs.334562	5.1	2447 2448 6623
5	427820	inhibitor of DNA binding 2, dominant ne	BE222494	Hs.180919	5.1	2374 6563
5	403857	Target Exon	V VUE3486	Un 20215	5.1 5.1	4730 3978 7880
	448111	interferon-induced protein with tetratr	AA053486 AA333990	Hs.20315	5.1	
	416908	coagulation factor XIII, A1 polypeptide ESTs	AW022609	Hs.80424 Hs.50745	5.1	1044 5594
	428317		NM_015678		5.1	2431 6610
10	434349	neurobeachin				3045 3046 7074
10	451752	KIAA1171 protein	AB032997	Hs.353087	5.1	4252 4253 8102
	414132	CCOMPORALIAEOA2221-ARAID DOMAZ2 11	Al801235	Hs.48480	5.0	778 5387
	404208	C6001282:gi 4504223 ref NP_000172.1  c		11- 454220	5.0	4740
	444565	ESTs	W32889	Hs.154329	5.0	3707 7659
15	426919	ELAV (embryonic lethal, abnormal vision		Hs.166109	5.0	2284 6495
13	414245	WAS protein family, member 1	BE148072	Hs.75850	5.0	791 5399
	447217	neuropilin 2	BE465754	Hs.17778	5.0	3904 7819
	434629	glioma-amplified sequence-41	AA789081	Hs.4029	5.0	3064 7090
	431689	UDP-Gal:betaGlcNAc beta 1,3-galactosyli		Hs.267695	5.0	2810 6886
20	421875	ESTs	AA299607	Hs.98969	5.0	1606 6016
20	420164	ESTs	AW339037	Hs.349096	5.0	1423 5884
	426788	SWI/SNF related, matrix associated, act	U66615	Hs.172280	5.0	2273 2274 6486
	436574	ESTs	AW293527	Hs.126465	5.0	3202 7204
	415052	mesenchyme homeo box 2 (growth arrest			5.0	904 905 5485
25	406868	immunoglobulin heavy constant gamma 3		Hs.300697	5.0	72 4839
25	433285	ESTs	AW975944	Hs.237396	5.0	2967 7008
	412446	ESTs	AI768015	Hs.352375	5.0	586 5235
	404030	NM_015669*:Homo sapiens protocadheric	n b		5.0	4735
	414359	cadherin 11, type 2, OB-cadherin (osteo	M62194	Hs.75929	5.0	808 5413
20	412507	EphA4	L36645	Hs.73964	5.0	596 597 5243
30	448524	hypothetical protein DKFZp762K2015	AB032948	Hs.21356	5.0	4012 4013 7908
	420397	centrosomal protein 1	NM_007018	Hs.9 7437	5.0	1449 5904
	419488	nucleophosmin/nucleoplasmin 3	AA316241	Hs.90691	5.0	1342 5822
	459305	ESTs	AW007781	Hs.249858	5.0	4591 8387
0.5	429138	NS1-binding protein	AB020657	Hs.197298	5.0	2515 2516 6674
35	453511	AP-2 beta transcription factor	AL031224	Hs.33102	5.0	4422 4423 8244
	443780	activating transcription factor 5	NM_012068	Hs.9 754	5.0	3643 3644 7606
	415701	gamma-glutarnyl hydrolase (conjugase, fo	NM_003878	Hs.78619	5.0	940 941 5514
	453818	hypothetical protein FLJ13449	BE256832	Hs.10711	5.0	4443 8261
	449230	melanoma cell adhesion molecule	BE613348	Hs.356392	5.0	4074 7956
40	408161	hypothetical protein MGC3032	AW952912	Hs.300383	5.0	195 4937
	427337	Fc fragment of IgG, low affinity IIIb,	Z46223	Hs.176663	5.0	2318 2319 6521
	453271	ESTs	AA903424	Hs.6786	5.0	4409 8232
	436291	protein regulator of cytokinesis 1	BE568452	Hs.344037	5.0	3180 7185
	436477	ESTs	AA719989	Hs.107894	5.0	3191 7196
45	427747	serine/threonine kinase 12	AW411425	Hs.180655	4.9	2365 6557
	418241	LIM domain only 1 (rhombotin 1)	M26682	Hs.1149	4.9	1207 1208 5722
	458692	ESTs	BE549905	Hs.231754	4.9	4579 8376
	428865	BarH-like homeobox 1	BE544095	Hs.164960	4.9	2485 6651
	432715	ESTs, Weakly similar to KIAA1074 protei		Hs.44566	4.9	2901 6959
50	437608	ESTs, Weakly similar to ALU1_HUMAN A			4.9	3274 7268
	429493	ESTs	AL134708	Hs.145998	4.9	2573 6717
	424408	collagen, type V, alpha 1	AI754813	Hs.146428	4.9	1943 6260
	424624	Ca2+dependent activator protein for sec	AB032947	Hs.151301	4.9	1978 1979 6283
	411263	kinesin-like 6 (mitotic centromere-asso	BE297802	Hs.69360	4.9	523 5182
55	417084	ESTs	H08370	Hs.57937	4.9	1076 5618
	423811	homeo box C4	AW299598	Hs.50895	4.9	1854 6198
	446142	ESTs	AI754693	Hs.145968	4.9	3820 7748
	413199	ELAV (embryonic lethal, abnormal vision		Hs.75236	4.9	687 688 5317
	434175	ESTs	AW979081	Hs.165469	4.9	3032 7065
60	423673	matrix metalloproteinase 12 (macrophage	BE003054	Hs.1695	4.9	1837 6186
	422938	centromere protein A (17kD)	NM_001809		4.9	1759 1760 6128
	448498	ESTs	AA418276	Hs.375003	4.9	4007 7904
	454033	homeo box HB9	AF107457	Hs.37035	4.9	4483 8292
	414809	transferrin receptor (p90, CD71)	Al434699	Hs.77356	4.9	873 5463
65	424415	enolase 2, (gamma, neuronal)	NM 001975		4.9	1947 1948 6263
	410711	KIAA0318 protein	AB002316	Hs.65746	4.9	489 490 5155
	452724	cyclin E2	R84810	Hs.30464	4.9	4347 8179
	419585	actin-like 6	T08459	Hs.259831	4.9	1359 5833
	439453	thyroid hormone receptor interactor 13	BE264974	Hs.6566	4.9	3399 7382
70	434355	ESTs	AA630865	Hs.186556	4.9	3049 7076
, •	418203	CDC28 protein kinase 2	X54942	Hs.83758	4.9	1202 1203 5719
	430552	nuclear autoantigenic sperm protein (hi	AA176374	Hs.243886	4.9	2709 6812
	424954	tumor protein p53 (Li-Fraumeni syndrome			4.9	2031 2032 6322
	446291	interferon, gamma-inducible protein 30	BE397753	Hs.14623	4.8	3833 7760
75	448381	Homo sapiens mRNA; cDNA DKFZp434A			4.8	3996 7895
, 5	453884	KIAA0186 gene product	AA355925	Hs.36232	4.8	4460 8274
	427407	ADP-ribosyltransferase (NAD; poly (ADP-		Hs.177766	4.8	2326 6526
	433202	KIAA1465 protein	AB040898	Hs.233335	4.8	
	433202		AA333387	Hs.82916	4.6 4.8	2951 2952 6998 1166 5689
80	453883	cofactor required for Sp1 transcription	AA333367 AI638516	Hs.347524	4.8	4459 8273
	406698	major histocompatibility complex, class	X03068	Hs.73931	4.8	51 52 4824
	437007	ESTs, Weakly similar to I38022 hypothet			4.8	3230 7229
	414341	KIAA0182 protein		Hs.202599	4.8	804 805 5410
	452908	neuronal Shc adaptor homolog	D80004 AB001451	Hs.75909 Hs 30965	4.8	4369 4370 8198
85	407811	cysteine knot superfamily 1, BMP antago		Hs.30965		
55				Hs.40098	4.8	164 4908
	446681	kendrin	AJ003624	Hs.15896	4.8	3869 7789

	448663	hypothetical protein MGC14797	BE614599	Hs.356501	4.8	4023 7915
	409529	Cdc42 guanine exchange factor (GEF) 9	AB007884	Hs.54697	4.8	355 356 5058
	406687	matrix metalloproteinase 11 (stromelysi	M31126	Hs.352054	4.8	49 50 4823
			1410 1 120	113.332034		
~	401827	Target Exon			4.8	4664
5	416801	sal (Drosophila)-like 2	X98834	Hs.79971	4.8	1032 5585
	409125	axonal transport of synaptic vesicles	R17268	Hs.343567	4.8	308 5024
	407785	ESTs, Weakly similar to A43932 mucin 2	AW207285	Hs.98279	4.8	160 4904
	400262	Eos Control		Hs.75309	4.8	4612
			1157444			
10	424878	ESTs	H57111	Hs.221132	4.8	2017 6311
10	411089	cell division cycle 2-like 1 (PITSLRE p	AA456454	Hs.214291	4.8	513 5173
	450377	KIAA1265 protein	AB033091	Hs.355925	4.8	4160 4161 8029
	428293	solute carrier family 1 (neutral amino	BE250944	Hs.183556	4.8	2424 6605
			AA033813			
	416111	chromatin assembly factor 1, subunit A		Hs.79018	4.8	975 5542
1.5	411296	growth suppressor 1	BE207307	Hs.10114	4.8	524 5183
15	405770	NM_002362:Homo sapiens melanoma an	tigen		4.8	4796
	436252	Homo sapiens cDNA FLJ11562 fis, clone	H AI539519	Hs.142827	4.8	3179 7184
	407871	ESTs	AA045368	Hs.98317	4.8	174 4917
	421524	T T T T T T T T T T T T T T T T T T T	AA312082			1556 5980
		GDNF family receptor alpha 1		Hs.105445	4.8	
20	413670	hypothetical protein, expressed in oste	AB000115	Hs.75470	4.8	735 736 5352
20	410261	schwannomin-interacting protein 1	AF145713	Hs.61490	4.8	439 440 5119
	433487	histone deacetylase 2	U31814	Hs.3352	4.8	2983 2984 7023
	431019	forkhead box G1B	NM_005249		4.8	2740 2741 6834
	447321	Homo sapiens cDNA FLJ14028 fis, clone				
					4.8	3915 7827
25	425308	receptor tyrosine kinase-like orphan re	M97639	Hs.155585	4.8	2087 2088 6362
25	433013	axin 2 (conductin, axil)	AI697890	Hs.127337	4.8	2927 6979
	419682	paired-like homeodomain transcription f	H13139	Hs.92282	4.8	1368 5841
	431863	spindlin	AA188185	Hs.289043	4.8	2829 6901
	406311	NM_021979*:Homo sapiens heat shock 7			4.7	4803
			UND			
20	405754	Target Exon			4.7	4795
30	424078	paternally expressed 3	AB006625	Hs.139033	4.7	1893 1894 6225
	423011	adrenergic, alpha-2C-, receptor	NM_000683	Hs.1 23022	4.7	1767 1768 6134
	458933	RAN binding protein 1	AI638429	Hs.24763	4.7	4584 8381
	435523	membrane-spanning 4-domains, subfamil		Hs.11090	4.7	3131 7147
25	453990	ESTs	AW014847	Hs.233331	4.7	4478 8288
35	408539	fibulin 1	AA421528	Hs.349607	4.7	237 4968
	417944	collagen, type V, alpha 2	AU077196	Hs.82985	4.7	1172 5693
	400235	NM_005336:Homo sapiens high density li		Hs.177516	4.7	4604
	410868	Homo sapiens cDNA FLJ11490 fis, clone		Hs.98518	4.7	500 5163
40	439452	B-cell CLL/lymphoma 11B (zinc finger pr		Hs.57987	4.7	3398 7381
40	451987	Homo sapiens cDNA FLJ14967 fis, clone	T AA815092	Hs.77554	4.7	4267 8114
	410781	ESTs	AI375672	Hs.165028	4.7	495 5159
	458207	U2 small nuclear ribonucleoprotein auxi	T28472	Hs.7655	4.7	4569 8366
	448633	tubulin, gamma 1	AA311426	Hs.21635	4.7	4021 7913
		<del>.</del>				
15	426287	calpain 6	AF029232	Hs.169172	4:7	2194 2195 6436
45	430280	interleukin 7 receptor	AA361258	Hs.237868	4.7	2673 6787
	423449	ESTs	AI497900	Hs.57937	4.7	1808 6164
	414034	early development regulator 1 (homolog	U89277	Hs.305985	4.7	771 772 5381
	443715	cyclin E1	AI583187	Hs.9700	4.7	3638 7601
50	412006	ESTs	AW451618	Hs.380683	4.7	565 5217
50	420162	cyclin-dependent kinase 4	BE378432	Hs.95577	4.7	1422 5883
	408660	ESTs, Moderately similar to PC4259 ferr	AA525775	Hs.89040	4.7	247 4977
	427701	nuclear autoantigenic sperm protein (hi	AA411101	Hs.243886	4.7	2362 6555
	410006	eukaryotic translation initiation facto	AW732308	Hs.57783	4.7	405 5095
	411773		NM_006799			
55		protease, serine, 21 (testisin)			4.7	551 552 5206
55	437597	SCG10-like-protein	AA730767	Hs.285753	4.7	3273 7267
	458079	Homo sapiens similar to RIKEN cDNA 28	10 AI796870	Hs.381220	4.7	4566 8363
	425801	gb:HSC14H051 normalized infant brain cl	243151	Hs.343666	4.7	2144 6397
	428392	secretory granule, neuroendocrine prote	H10233	Hs.2265	4.7	2434 6613
	443623	complement component 1, q subcompone			4.7	3631 7594
60	443802	KIAA1291 protein				
00			AW504924	Hs.9805	4.7	3647 7609
	449267	ESTs	A1638640	Hs.220624	4.7	4077 7959
	436703	RNA binding motif protein, X chromosome	AW880614	Hs.374352	4.7	3211 7212
	400991	Target Exon			4.7	4641
	442573	branched chain aminotransferase 1, cyto	H93366	Hs.7567	4.7	3570 7541
65	450296	hepatocyte growth factor-regulated tyro	AL041949	Hs.24756	4.7	4153 8023
••				113.24100		
	411962	gb:zk85d12.r1 Soares_pregnant_uterus_f			4.7	563 5215
	440516	cadhenn 2, type 1, N-cadherin (neurona		Hs.161	4.7	3472 3473 7451
	429024	complement-c1q tumor necrosis factor-re	AI652297	Hs.119302	4.7	2502 6664
	414561	Homo sapiens amino acid transport syste	AI064813	Hs.195155	4.7	831 5432
70	402992	Target Exon			4.7	4700
	417312	leukemia-associated phosphoprotein p18	AW/888/11	Hs.250811	4.7	1095 5635
	437437	hypothetical protein DKFZp762L0311	AA226869	Hs.351623	4.7	3262 7257
	450534	KIAA0470 gene product	AI570189	Hs.25132	4.6	4175 8040
7.5	429183	KIAA0704 protein	AB014604	Hs.197955	4.6	2526 2527 6681
75	421707	lectomedin-2	NM_014921	Hs.1 07054	4.6	1581 1582 5995
	433159	kinesin-like protein 2	AB035898	Hs.150587	4.6	2947 2948 6996
	408949	putative ribonuclease III	AF189011	Hs.49163	4.6	280 281 5003
	407366	gb:Homo sapiens cig33 mRNA, partial sec		Hs.17518	4.6	137 4885
0.0	442932	bromodomain adjacent to zinc finger dom		Hs.8858	4.6	3591 7559
80	450336	Homo sapiens cDNA: FLJ23296 fis, clone	AA046814	Hs.288928	4.6	4155 8025
	448044	gb:tk13e01.x1 NCI_CGAP_Lu24 Homo sa			4.6	3972 7874
	445564	KIAA1034 protein	AB028957	Hs.12896	4.6	3784 3785 7718
	450356	KIAA1674	BE149824	Hs.132888	4.6	4156 8026
0.5	406137	NM_000179*:Homo sapiens mutS (E. coli)			4.6	4802
85	423731	gb:EST06706 Infant Brain, Bento Soares	T08814	Hs.31599	4.6	1839 6188
	425003	apurinic/apyrimidinic endonuclease(APEX		Hs.154149	4.6	2038 2039 6326
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	405268	ENSP00000223174*:KIAA0783 PROTEIN			4.6	4776
	408989	KIAA0746 protein	AW361666	Hs.49500	4.6	290 5010
	426400	Homo sapiens clone 25121 neuronal olfa	: M78361	Hs.169743	4.6	2218 6452
_	423419	ESTs	R55336	Hs.23539	4.6	1806 6162
5	453753	ubiquitin specific protease 1	BE252983	Hs.35086	4.6	4437 8256
_	439070	ESTs	AI733278	Hs.7621	4.6	3375 7358
	426095	ESTs	AI278023	Hs.89986	4.6	2172 6419
	406076	Homo sapiens mRNA; cDNA DKFZp547F		110.00000	4.6	4800
	408393	ESTs	AW015318	Hs.143509	4.6	219 4953
10						
10	439246	membrane-associated tyrosine- and three		Hs.351474	4.6	3386 7369
	435013	NM_020142:Homo sapiens NADH:ubiqui			4.6	3096 7115
	408190	ATPase, Class I, type 8B, member 2	AB032963	Hs.43577	4.6	197 198 4939
	426110	replication factor C (activator 1) 1 (1	NM_002913		4.6	2174 2175 6421
1.5	420058	Homo sapiens cDNA FLJ10561 fis, clone	N AK001423	Hs.94694	4.6	1411 5874
15	418045	ESTs	AI972919	Hs.118837	4.6	1183 5701
	424005	vang (van gogh, Drosophila)-like 2	AB033041	Hs.137507	4.6	1883 1884 6218
	416209	MAD2 (mitotic arrest deficient, yeast,	AA236776	Hs.79078	4.6	982 5549
	453905	LIM domain kinase 1	NM_002314	Hs.3 6566	4.6	4462 4463 8276
	429986	sine oculis homeobox (Drosophila) homol	AF092047	Hs.227277	4.6	2632 2633 6759
20	414706	KIAA0097 gene product	AW340125	Hs.76989	4.6	854 5449
	435832	Bruno (Drosophila) -like 4, RNA binding	AA425688	Hs.41641	4.6	3155 7164
	429574	hypothetical protein MGC861	BE268321	Hs.208912	4.6	2580 6722
	424192	P311 protein	U30521	Hs.142827	4.6	1911 1912 6238
	432101	EphA3	AI918950	Hs.123642	4.6	
25			A1310330	HS. 123042		2841 6909
23	403650	dynein, cytoplasmic, light polypeptide	AC400C40	11- 400040	4.6	4726
	426118	polymerase (DNA directed), epsilon	AF128542	Hs.166846	4.6	2176 2177 6422
	435232	cyclin-dependent kinase inhibitor 2C (p	NM_001262		4.5	3114 3115 7132
	452017	prostate cancer associated protein 7	AF109302	Hs.27495	4.5	4270 8117
20	453922	budding uninhibited by benzimidazoles 1	AF053306	Hs.36708	4.5	4467 4468 8279
30	423853	slit (Drosophila) hornolog 1	AB011537	Hs.133466	4.5	1855 1856 6199
	442904	thymopoietin	AW575008	Hs.11355	4.5	3588 7556
	420911	O-linked N-acetylglucosamine (GlcNAc) t	U77413	Hs.100293	4.5	1491 1492 5934
	438833	ESTs	BE612940	Hs.88252	4.5	3358 7342
	447284	hypothetical protein FLJ10204	AK001066	Hs.18029	4.5	3912 3913 7825
35	452732	Homo sapiens, clone IMAGE:3535294, m	RNA BE30007	78 Hs.80449	4.5	4348 8180
	444170	ESTs	AW613879	Hs.102408	4.5	3683 7640
	435256	cytokine-like protein C17	AF193766	Hs.13872	4.5	3116 3117 7133
	422239	SMT3 (suppressor of mif two 3, yeast) h		Hs.180139	4.5	1662 6057
	406836	immunoglobulin kappa constant	AW514501	Hs.156110	4.5	68 4835
40	448985	carbonic anhydrase XI	AA324885	Hs.22777	4.5	4054 7939
	404632	NM_022490:Homo sapiens hypothetical p			4.5	4754
	410768	Homo sapiens clone 23700 mRNA seque		5 Hs.66187	4.5	494 5158
	434862	ESTs	AA652272	Hs.197320	4.5	3084 7105
	448772	L-kynurenine/alpha-aminoadipate aminotr		Hs.380762	4.5	4035 7926
45	418565	phosphoinositol 3-phosphate-binding pro		Hs.86149	4.5	1256 1257 5756
	418607	KIAA1402 protein	AL137426	Hs.86392	4.5	1260 5759
	429455	CD209 antigen	Al472111	Hs.278694	4.5	2563 6710
	447478	fibronectin type 3 and SPRY domain-cont		Hs.28144	4.5	3932 7840
	416640	neuron-specific protein	BE262478	Hs.13406	4.5	1019 5576
50	452792	KIAA1344 protein	AB037765	Hs.30652	4.5	4351 4352 8183
	423181	ESTs	AA323415	Hs.278385	4.5	1779 6144
	444664	map kinase phosphatase-like protein MK-		Hs.11615	4.5	3711 7663
	429320	ESTs, Weakly similar to 178885 serine/t	AA449838	Hs.119334	4.5	2545 6697
	422575	hypothetical protein FLJ20539	AK000546	Hs.118552	4.5	1705 1706 6089
55						
55	438293	stromal antigen 2	L08437	Hs.8217	4.5	3314 7305
	453096	ESTS	AW294631	Hs.351270	4.5	4391 8217
	452277	KIAA1223 protein	AL049013	Hs.28783	4.5	4308 8148
	424927	hypothetical protein C321D2.4	AW973666	Hs.153850	4.5	2029 6320
60	417576	phosphoribosylglycinamide formyltransfe		Hs.82285	4.5	1134 5662
60	440510		H08427	Hs.309165	4.5	3471 7450
	430066	signal recognition particle 72kD	AI929659	Hs.237825	4.5	2647 6769
	422382	KIAA0166 gene product	D79988	Hs.115778	4.5	1674 1675 6066
	452461	transcription factor	N78223	Hs.108106	4.5	4333 8167
	422684	H2A histone family, member Z	BE561617	Hs.119192	4.5	1726 6105
65	416980	high-mobility group (nonhistone chromos		Hs.80684	4.5	1054 5601
	414907	polo (Drosophia)-like kinase	X90725	Hs.77597	4.5	886 887 5472
	433706	ESTs	AW947250	Hs.151604	4.5	3001 7037
	417777	ESTs, Weakly similar to I78885 serine/t	AI823763	Hs.7055	4.5	1156 5679
	417731	polymerase (DNA directed), delta 3	D26018	Hs.82502	4.5	1152 1153 5676
70	447417	KIAA1602 protein	AW732858	Hs.143067	4.5	3926 7835
. •	421302	neuritin	T34462	Hs.103291	4.5	1527 5962
	456940	ESTs	H46986	Hs.31861	4.5	4534 8336
	447250	protein phosphatase 1G (formerly 2C), m		Hs.17883	4.5	3906 7821
	409139	ESTs, Highly similar to IRX1_HUMAN IRC		Hs.3321	4.5	311 5026
75	405326	Target Exon	3474001017	110.0021	4.5	4777
	400340	homeo box 11-like 2	AJ223798		4.5	12 13 4621
	433149	hypothetical protein HES6	BE257672	Hs.42949	4.5	2946 6995
	433149	ESTs	AA502384	Hs.151529	4.5	2773 6858
	419131	ESTs	AA406293	Hs.109526	4.5	1306 5794
80	412314	downstream of: G protein-coupled recept		Hs.356084	4.5	581 5230
-	414175	hypothetical protein DKFZp761D112	AI308876	Hs.103849	4.5	786 5394
	431830	small inducible cytokine subfamily A (C	Y16645	Hs.271387	4.5	2827 2828 6900
	438937	ESTs	AW952654	Hs.73964	4.5	3367 7350
	418199	ESTs	AA884555	Hs.86603	4.5	1201 5718
85	440080	ESTs	AW051597	Hs.143707	4.5	3449 7431
	441020	ESTs	W79283	Hs.35962	4.5	3495 7471
		=	= = =			

	440705	and the second and DNA dames industrial	AIMOACCOO	Un 0704	4.5	2020 7002
	443725	growth arrest and DNA-damage-inducible		Hs.9701	4.5	3639 7602
	425219	cytosolic ovarian carcinoma antigen 1	AF207881	Hs.155185	4.5	2067 2068 6347
	422128	gb:QV0-OT0033-010400-182-a07 OT003				1650 6047
5	454075	Kruppel-like zinc finger protein GLIS2	R43826	Hs.16313	4.5	4489 8297
5	412432	ESTs	AA126311	Hs.9879	4.4	585 5234
	406672	major histocompatibility complex, class	M26041	Hs.198253	4.4	43 44 4820
	442328	ESTs, Weakly similar to ALU4_HUMAN A			4.4	3556 7528
	414883	CDC28 protein kinase 1	AA926960	Hs.348669	4.4	885 5471
10	413004	interleukin enhancer binding factor 2,	T35901	Hs.75117	4.4	667 5300
10	424394	RNA binding motif protein, X chromosome		Hs.146381	4.4	1941 6258
	454561	hepatitis delta antigen-interacting pro	A1984144	Hs.66713	4.4	4502 8308
	420129	ESTs	AA255760	Hs.122994	4.4	1417 5879
	424410	ESTs	W79027	Hs.271762	4.4 4.4	1944 6261
15	411562 422516	hypothetical protein DKFZp586E1923	AL050201 BE258862	Hs.70769	4.4	541 5198 1694 6080
10	452160	multifunctional polypeptide similar to cysteine sulfinic acid decarboxylase-re	BE378541	Hs.117950 Hs.355568	4.4	4292 8134
	412659	olfactomedin related ER localized prote	AW753865	Hs.74376	4.4	627 5265
	439239	ESTs	AI031540	Hs.235331	4.4	3385 7368
	407896	Zic family member 1 (odd-paired Drosoph		Hs.41154	4.4	176 177 4919
20	408805	vaccinia related kinase 1	H69912	Hs.48269	4.4	262 4989
	414839	DNA (cytosine-5-)-methyltransferase 1	X63692	Hs.77462	4.4	880 881 5467
	424451	protein tyrosine phosphatase, non-recep	M83738	Hs.147663	4.4	1955 1956 6269
	425368	cullin 4B	AB014595	Hs.155976	4.4	2096 2097 6367
	425159	carbamoyl-phosphate synthetase 2, aspar			4.4	2059 2060 6341
25	422795	KIAA1283 protein	AB033109	Hs.375610	4.4	1736 1737 6112
	414725	ring finger protein 21, interferon-resp	AA769791	Hs.350518	4.4	858 5452
	422244	karyopherin (importin) beta 3	Y08890	Hs.113503	4.4	1665 1666 6059
	454060	ephrin-A3	U14187	Hs.37054	4.4	4485 4486 8294
	416507	transcription factor Dp-1	AL045364	Hs.79353	4.4	1009 5569
30	430439	DKFZP434B061 protein	AL133561	Hs.380155	4.4	2695 2696 6803
	429656	neurofilament, light polypeptide (68kD)	X05608	Hs.211584	4.4	2598 2599 6733
	420174	ESTs	AI824144	Hs.199749	4.4	1427 5887
	420440	mammaglobin 2	NM_002407	Hs.9 7644	4.4	1450 1451 5905
0.5	433211	MARK	H11850	Hs.12808	4.4	2955 7000
35	421102	protocadherin beta 6	AI470093	Hs.283085	4.4	1506 5945
	450746	general transcription factor II, i	D82673	Hs.278589	4.4	4187 8051
	414733	minichromosome maintenance deficient (S	S BE514535	Hs.77171	4.4	860 5454
	426512	Meis1 (mouse) homolog	AW511656	Hs.170177	4.4	2245 6469
40	414760	chromobox homolog 1 (Drosophila HP1 be	et BE298063	Hs.77254	4.4	864 5457
40	434256	ESTs	AI378817	Hs.191847	4.4	3036 7068
	450553	hypothetical protein MGC3232		Hs.8715	4.4	4176 8041
	449433	ESTs, Weakly similar to S26650 DNA-bind		Hs.9012	4.4	4086 7968
	430027	KIAA0980 protein	AB023197	Hs.227743	4.4	2639 2640 6763
45	402861	Wilms' tumour 1-associating protein			4.4	4695
43	449989	multiple endocrine neoplasia I		Hs.240443	4.4	4124 4125 8002
	424616	intercellular adhesion molecule 5, tele		Hs.151250	4.4	1975 1976 6281
	414528	ESTs		Hs.188836	4.4	828 5429
	414133	ESTs		Hs.109526	4.3	779 5388
50	411893	ESTs	R82845	Hs.273789	4.3	558 5211
50	410099	KIAA0036 gene product		Hs.167	4.3	421 5106
	422565 410054	singed (Drosophila)-like (sea urchin fa Homo sapiens cDNA: FLJ23005 fis, clone		Hs.118400	4.3 4.3	1701 6086 413 5101
	437330	Homo sapiens mRNA; cDNA DKFZp761J		Hs.58220		3253 7250
	457986	Homo sapiens, clone IMAGE:4299555, ml				4565 8362
55	447660	ESTs		Hs.163667	4.3	3946 7853
-	412800	polymerase (DNA directed), delta 2, reg		Hs.74598	4.3	644 5281
	409326	choreoacanthocytosis gene; KIAA0986 pro		Hs.53542	4.3	340 5046
	437623	chromosome condensation-related SMC-a		Hs.5719	4.3	3275 3276 7269
	426990	Homo sapiens mRNA for KIAA1750 protei		Hs.173094	4.3	2293 6501
60	405387	NM_022170*:Homo sapiens Williams-Beu			4.3	4779
	413644	ESTs, Weakly similar to Z195_HUMAN ZI		Hs.278793	4.3	733 5350
	457313	transcriptional coactivator	AF047002	Hs.241520	4.3	4544 4545 8345
	416084	deoxythymidylate kinase (thymidylate ki		Hs.79006	4.3	972 973 5540
<i>(</i> =	429150	smoothened (Drosophila) homolog	AF120103	Hs.197366	4.3	2519 2520 6677
65	453028	RecQ protein-like 4	AB006532	Hs.31442	4.3	4381 4382 8209
					4.2	2138 2139 6394
	425776	parathyroid hormone receptor 2		Hs.159499	4.3	
	425776 433895	mitogen-activated protein kinase kinase	Al287912	Hs.3628	4.3	3014 7048
	425776 433895 435554	mitogen-activated protein kinase kinase early B-cell factor	Al287912 AF208502	Hs.3628 Hs.32425	4.3 4.3	3014 7048 3136 3137 7150
70	425776 433895 435554 419356	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316	AI287912 AF208502 AI656166	Hs.3628 Hs.32425 Hs.7331	4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815
70	425776 433895 435554 419356 452744	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E	Al287912 AF208502 Al656166 082 (f Al26765	Hs.3628 Hs.32425 Hs.7331 2 Hs.246107	4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182
70	425776 433895 435554 419356 452744 409703	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E 2-5'-oligoadenylate synthetase 3 (100	Af287912 AF208502 Al656166 082 (f Al26765 NM_006187	Hs.3628 Hs.32425 Hs.7331 52 Hs.246107 Hs.5 6009	4.3 4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182 381 382 5076
70	425776 433895 435554 419356 452744 409703 408847	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E 2-5-oligoadenylate synthetase 3 (100 ESTs	Al287912 AF208502 Al656166 082 (f Al26765 NM_006187   AW290997	Hs.3628 Hs.32425 Hs.7331 62 Hs.246107 Hs.5 6009 Hs.190153	4.3 4.3 4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182 381 382 5076 268 4993
70	425776 433895 435554 419356 452744 409703 408847 436114	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E 2-5'-oligoadenylate synthetase 3 (100 ESTs ESTs, Highly similar to NRG3_HUMAN PF	AI287912 AF208502 AI656166 082 (f AI26765 NM_006187 AW290997 RO- AA778232	Hs.3628 Hs.32425 Hs.7331 12 Hs.246107 Hs.5 6009 Hs.190153 1 Hs.19515	4.3 4.3 4.3 4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182 381 382 5076 268 4993 3171 7177
	425776 433895 435554 419356 452744 409703 408847 436114 425870	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E 2-5'-oligoadenylate synthetase 3 (100 ESTs ESTs, Highly similar to NRG3_HUMAN PFESTs	Af287912 AF208502 AI656166 082 (f AI26765 NM_006187 AW290997 RO- AA778232 R13406	Hs.3628 Hs.32425 Hs.7331 12 Hs.246107 Hs.5 6009 Hs.190153 1 Hs.19515 Hs.56782	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182 381 382 5076 268 4993 3171 7177 2153 6405
70 75	425776 433895 435554 419356 452744 409703 408847 436114 425870 433411	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E 2-5'-oligoadenylate synthetase 3 (100 ESTs ESTs, Highly similar to NRG3_HUMAN PRESTS RNA binding motif protein 4	Ał287912 AF208502 Al656166 082 (f Al26765 NM_006187 I AW290997 RO- AA778232 R13406 Al658666	Hs.3628 Hs.32425 Hs.7331 12 Hs.246107 Hs.5 6009 Hs.190153 1 Hs.19515 Hs.56782 Hs.352381	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182 381 382 5076 268 4993 3171 7177 2153 6405 2975 7016
	425776 433895 435554 419356 452744 409703 408847 436114 425870 433411 443123	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E 2-5'-oligoadenylate synthetase 3 (100 ESTs ESTs, Highly similar to NRG3_HUMAN PRESTS RNA binding motif protein 4 putative transcription regulation nucle	AI287912 AF208502 AI656166 082 (f AI26765 NM_006187 AW290997 RO- AA778232 R13406 AI658666 AA094538	Hs.3628 Hs.32425 Hs.7331 12 Hs.246107 Hs.5 6009 Hs.190153 1 Hs.19515 Hs.56782 Hs.352381 Hs.272808	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182 381 382 5076 268 4993 3171 7177 2153 6405 2975 7016 3603 7570
	425776 433895 435554 419356 452744 409703 408847 436114 425870 433411 443123 413431	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E 2-5-oligoadenylate synthetase 3 (100 ESTs ESTs, Highly similar to NRG3_HUMAN PFESTs RNA binding motif protein 4 putative transcription regulation nucle ubiquitin-conjugating enzyme E2N (homol	AI287912 AF208502 AI656166 082 (f AI26765 NM_006187 AW290997 RO- AA778232 R13406 AI658666 AA094538 AW246428	Hs.3628 Hs.32425 Hs.7331 12 Hs.246107 Hs.5 6009 Hs.190153 1 Hs.19515 Hs.56782 Hs.352381 Hs.272808 Hs.75355	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182 381 382 5076 268 4993 3171 7177 2153 6405 2975 7016 3603 7570 715 5335
	425776 433895 435554 419356 452744 409703 408847 436114 425870 433411 443123 413431 414136	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E 2-5'-oligoadenylate synthetase 3 (100 ESTs ESTs, Highly similar to NRG3_HUMAN PFESTs RNA binding motif protein 4 putative transcription regulation nucle ubiquitin-conjugating enzyme E2N (homol SMC2 (structural maintenance of chromos	A1287912 AF208502 A1656166 082 (f A126765 NM_006187 I AW290997 RO- AA778232 R13406 A1658666 AA094538 AW246428	Hs.3628 Hs.32425 Hs.7331 i2 Hs.246107 Hs.5 6009 Hs.190153 i Hs.19515 Hs.56782 Hs.352381 Hs.272808 Hs.75355 Hs.119023	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182 381 382 5076 268 4993 3171 7177 2153 6405 2975 7016 3603 7570 715 5335 780 5389
75	425776 433895 435554 419356 452744 409703 408847 436114 425870 433411 443123 413431 414136 443823	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E 2-5'-oligoadenylate synthetase 3 (100 ESTs ESTs, Highly similar to NRG3_HUMAN PFESTs RNA binding motif protein 4 putative transcription regulation nucle ubiquitin-conjugating enzyme E2N (homol SMC2 (structural maintenance of chromos hypothetical protein	AI287912 AF208502 AI656166 082 (f AI26765 NM_006187 AW290997 RO- AA778232 R13406 AI658666 AA094538 AW246428 AA812434 BE089782	Hs.3628 Hs.32425 Hs.7331 12 Hs.246107 Hs.56009 Hs.190153 1 Hs.19515 Hs.56782 Hs.352381 Hs.272808 Hs.75355 Hs.119023 Hs.9877	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182 381 382 5076 268 4993 3171 7177 2153 6405 2975 7016 3603 7570 715 5335 780 5339 3649 7611
	425776 433895 435554 419356 452744 409703 408847 436114 425870 433411 443123 413431 414136 443823 424560	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E 2'-5'-oligoadenylate synthetase 3 (100 ESTs ESTs, Highly similar to NRG3_HUMAN PFESTs RNA binding motif protein 4 putative transcription regulation nucle ubiquitin-conjugating enzyme EZN (homol SMC2 (structural maintenance of chromos hypothetical protein protein predicted by clone 23733	AI287912 AF208502 AI656166 082 (f AI26765 NM_006187   AW290997 RO-AA778232 RO-A4778232 RO-A478232 AA094538 AW246428 AA812434 BE089782 AA158727	Hs.3628 Hs.32425 Hs.7331 12 Hs.246107 Hs.5 6009 Hs.190153 1 Hs.19515 Hs.352381 Hs.272808 Hs.75355 Hs.119023 Hs.19023 Hs.9877 Hs.150555	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182 381 382 5076 268 4993 3171 7177 2153 6405 2975 7016 3603 7570 715 5335 780 5389 3649 7611 1972 6279
75	425776 433895 435554 419356 452744 409703 408847 436114 425870 433411 443123 413431 414136 443823 424560 445139	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E 2-5-oligoadenylate synthetase 3 (100 ESTs ESTs, Highly similar to NRG3_HUMAN PFESTs RNA binding motif protein 4 putative transcription regulation nucle ubiquitin-conjugating enzyme E2N (homol SMC2 (structural maintenance of chromos hypothetical protein protein predicted by clone 23733 synaptotagmin XIII	AI287912 AF208502 AI656166 082 (f AI26765 NM_006187   AW290997 RO-AA778232 RO-A4778232 RO-A478232 AA094538 AW246428 AA812434 BE089782 AA158727	Hs.3628 Hs.32425 Hs.7331 12 Hs.246107 Hs.56009 Hs.190153 1 Hs.19515 Hs.56782 Hs.352381 Hs.272808 Hs.75355 Hs.119023 Hs.9877	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182 381 382 5076 268 4993 3171 7177 2153 6405 2975 7016 3603 7570 715 5335 780 5389 3649 7611 1972 6279 3746 3747 7691
75	425776 433895 435554 419356 452744 409703 408847 436114 425870 433411 443123 413431 414136 443823 424560	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E 2-5'-oligoadenylate synthetase 3 (100 ESTs ESTs, Highly similar to NRG3_HUMAN PFESTs RNA binding motif protein 4 putative transcription regulation nucle ubiquitin-conjugating enzyme E2N (homol SMC2 (structural maintenance of chromos hypothetical protein protein predicted by clone 23733 synaptotagmin XIII Target Exon	AI287912 AF208502 AI656166 082 (f AI26765 NM_006187   AW290997 RO- AA778232 R13406 AI658666 AA094538 AW246428 AA812434 BE089782 AA158727 AB037848	Hs.3628 Hs.32425 Hs.7331 12 Hs.246107 Hs.5 6009 Hs.190153 2 Hs.19515 Hs.56782 Hs.352381 Hs.272808 Hs.75355 Hs.119023 Hs.9877 Hs.150555 Hs.12365	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182 381 382 5076 268 4993 3171 7177 2153 6405 2975 7016 3603 7570 715 5335 780 5389 3649 7611 1972 6279 3746 3747 7691 4727
75 80	425776 433895 435554 419356 452744 409703 408847 436114 425870 433411 443123 413431 414136 443823 424560 445139 403668	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E 2-5-oligoadenylate synthetase 3 (100 ESTs ESTs, Highly similar to NRG3_HUMAN PFESTs RNA binding motif protein 4 putative transcription regulation nucle ubiquitin-conjugating enzyme E2N (homol SMC2 (structural maintenance of chromos hypothetical protein protein predicted by clone 23733 synaptotagmin XIII	AI287912 AF208502 AI656166 082 (f AI26765 NM_006187 AW290997 RO- AA778232 R13406 AI658666 AA094538 AW246428 AA812434 BE089782 AA158727 AB037848	Hs.3628 Hs.32425 Hs.7331 12 Hs.246107 Hs.5 6009 Hs.190153 2 Hs.19515 Hs.56782 Hs.352381 Hs.272808 Hs.75355 Hs.119023 Hs.9877 Hs.150555 Hs.12365	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182 381 382 5076 268 4993 3171 7177 2153 6405 2975 7016 3603 7570 715 5335 780 5339 3649 7611 1972 6279 3746 3747 7691 4727 628 5266
75	425776 433895 435554 419356 452744 409703 408847 436114 425870 433411 443123 413431 414136 443823 424560 445139 403668 412672	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E 2-5'-oligoadenylate synthetase 3 (100 ESTs ESTs, Highly similar to NRG3_HUMAN PFESTs RNA binding motif protein 4 putative transcription regulation nucle ubiquitin-conjugating enzyme E2N (homol SMC2 (structural maintenance of chromos hypothetical protein protein predicted by clone 23733 synaptotagmin XIII Target Exon chromodomain helicase DNA binding protein	AI287912 AF208502 AI656166 082 (f AI26765 NM_006187 AW290997 AW290997 R13406 AI658666 AA094538 AW246428 AA812434 BE089782 AA158727 AB037848	Hs.3628 Hs.32425 Hs.7331 12 Hs.246107 Hs.5 6009 Hs.190153 2 Hs.19515 Hs.56782 Hs.352381 Hs.272808 Hs.75355 Hs.119023 Hs.9877 Hs.150555 Hs.12365	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182 381 382 5076 268 4993 3171 7177 2153 6405 2975 7016 3603 7570 715 5335 780 5389 3649 7611 1972 6279 3746 3747 7691 4727
75 80	425776 433895 435554 419356 452744 409703 408847 436114 425870 433411 444123 413431 414136 443823 424560 445139 403668 412672 410268	mitogen-activated protein kinase kinase early B-cell factor hypothetical protein FLJ22316 Homo sapiens mRNA; cDNA DKFZp434E 2'-5'-oligoadenylate synthetase 3 (100 ESTs ESTs, Highly similar to NRG3_HUMAN PRESTs RNA binding motif protein 4 putative transcription regulation nucle ubiquitin-conjugating enzyme EZN (homol SMC2 (structural maintenance of chromos hypothetical protein protein predicted by clone 23733 synaptotagmin XIII Target Exon chromodomain helicase DNA binding proteix transmembrane epithelial antigen of	AI287912 AF208502 AI656166 082 (f AI26765 NM_006187   AW290997 RO- AA778232 R13406 AI658666 AA094538 AW246428 AA812434 BE089782 AA158727 AB037848	Hs.3628 Hs.32425 Hs.7331 12 Hs.246107 Hs.5 6009 Hs.190153 C Hs.19515 Hs.352381 Hs.272808 Hs.75355 Hs.119023 Hs.19023 Hs.150555 Hs.12365	4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	3014 7048 3136 3137 7150 1332 5815 4350 8182 381 382 5076 268 4993 3171 7177 2153 6405 2975 7016 3603 7570 715 5335 780 5389 3649 7611 1972 6279 3746 3747 7691 4727 628 5266 441 5120

	454404	handle discharge MCCOFFF	0.025024	Un 150010	4.2	4404 0000
	454104	hypothetical protein MGC2555	BE275031	Hs.158210	4.3	4491 8299
	417588	gb:HSC22D091 normalized infant brain cl	D Z44510		4.3	1135 5663
	412046	RAS-related on chromsome 22	Y07847	Hs.73088	4.3	567 568 5219
	400295	Al905687:IL-BT095-190199-019 BT095 H	lomo W72838	Hs.348419	4.3	6 4617
5	438407	eukaryotic translation initiation facto	Al457122	Hs.129673	4.3	3320 7310
9						
	420759	Homo sapiens cDNA FLJ11381 fis, clone		Hs.127797	4.3	1476 5922
	442404	ESTs	AI733500	Hs.124370	4.3	3558 7530
	421878	Homo sapiens cDNA FLJ11643 fis, clone	H AA299652	Hs.111496	4.3	1607 6017
	436420	ESTs	AA443966	Hs.31595	4.3	3187 7192
10	421040	ESTs	AA715026	Hs.135280	4.3	1498 5938
	414242	dolichyl-phosphate (UDP-N-acetylglucosa		Hs.143509	4.3	790 5398
	427961	ESTs	AW293165	Hs.143134	4.3	2388 6575
	436251	nucleolar protein (KKE/D repeat)	BE515065	Hs.296585	4.3	3178 7183
	424026	ribosomal protein L34 pseudogene 1	AI798295	Hs.137576	4.3	1888 6221
15	423803	PDZ-73 protein	NM_005709		4.3	1852 1853 6197
	418661					
		E2F transcription factor 3	NM_001949		4.3	1264 1265 5762
	454340	gb:PM0-HT0339-081199-001-h05 HT033				4496 8303
	443950	epithelial membrane protein 3	NM_001425	Hs.9 999	4.3	3660 3661 7621
	448057	RAB39	BE300105	Hs.301853	4.3	3973 7875
20	402260	NM_001436*:Homo sapiens fibrillarin (FB			4.3	4676
	412651	ESTs	AA115333	Hs.107968	4.3	625 5263
	421846	protein kinase C substrate 80K-H	AA017707	Hs.1432	4.3	1601 6012
	439053	chaperonin containing TCP1, subunit 2 (	BE244588	Hs.6456	4.3	3374 7357
0.5	416565	endoplasmic reticulum resident protein	AW000960	Hs.44970	4.3	1015 5573
25	434792	ESTs	AA649253	Hs.132458	4.3	3075 7099
	439512	Homo sapiens, clone IMAGE:3163559, m			4.3	3403 7386
	426867	ESTs	AA460967	Hs.22668	4.3	2282 6493
	443674	ESTs	AI081330	Hs.40510	4.3	3635 7598
20	431374	CTP synthase	BE258532	Hs.251871	4.3	2778 6862
30	428309	cellular retinoic acid-binding protein	M97815	Hs.183650	4.3	2427 2428 6608
	452046	KIAA0802 protein	AB018345	Hs.27657	4.3	4275 4276 8120
	413273	stern-loop (histone) binding protein	U75679	Hs.75257	4.3	693 694 5321
	429984	hypothetical protein FLJ21617	AL050102	Hs.227209	4.3	2630 2631 6758
25	453880	ESTs, Weakly similar to 138022 hypothet		Hs.135121	4.3	4458 8272
35	417866	collagen, type XI, alpha 1	AW067903	Hs.82772	4.3	1162 5685
	427495	Homo sapiens cDNA FLJ11333 fis, clone	P Al799104	Hs.178705	4.3	2335 6533
	417061	Homo sapiens cDNA FLJ12033 fis, clone		Hs.188691	4.3	1068 5612
	446849				4.2	
		cleavage and polyadenylation specific f	AU076617	Hs.16251		3874 7794
40	400250	Eos Control		Hs.3352	4.2	4608
40	429918	ESTs	AW873986	Hs.119383	4.2	2619 6748
	448390	hypothetical protein	AL035414	Hs.21068	4.2	3999 7897
	433234	KIAA1495 protein	AB040928	Hs.65366	4.2	2961 2962 7005
	412795	special AT-rich sequence binding protei			4.2	
			BE241753	Hs.74592		643 5280
15	422830	hypothetical protein DKFZp434P0111	AC007954	Hs.121371	4.2	1746 1747 6118
45	421937	hematological and neurological expresse	AI878857	Hs.109706	4.2	1617 6024
	427716	karyopherin (importin) beta 1	L38951	Hs.180446	4.2	2363 2364 6556
	402330	Target Exon			4.2	4678
	412939	eukaryotic translation elongation facto	AW411491	Hs.75069	4.2	
						657 5292
50	449436	hypothetical protein DKFZp434l2117	AA860329	Hs.279307	4.2	4087 7969
30	420582	Homo sapiens chromosome 19, cosmid R	283 BE04787	B Hs.99093	4.2	1464 5915
	413313	glycyl-tRNA synthetase	NM_002047	Hs.2 93885	4.2	699 700 5325
	406534	Target Exon			4.2	4809
	422173	phorbolin-like protein MDS019 (CEM15)	BE385828	Hs.250619	4.2	1656 6052
	417037	antigen identified by monoclonal antibo	BE083936	Hs.80976	4.2	1063 5608
55						
55	418583	hypothetical protein	AA604379	Hs.86211	4.2	1259 5758
	418196	KIAA1708 protein	Al745649	Hs.26549	4.2	1199 5716
	429399	ESTs	AA452244	Hs.16727	4.2	2556 6705
	450172	signal transduction protein (SH3 contai	NM_005864		4.2	4139 4140 8014
	446627	hypothetical protein SBBI48	A1973016	Hs.15725	4.2	3862 7783
60	418956	KIAA0788 protein	AA234831			
<b>.</b> .	438626	ESTs		Hs.348493 Hs.26370	4.2	1287 5778
			AI198059		4.2	3342 7328
	419335	hypothetical protein FLJ12888	AW960146	Hs.284137	4.2	1330 5813
	444153	hypothetical protein FLJ10748	AK001610	Hs.10414	4.2	3680 3681 7638
	421949	G8 protein	N47378	Hs.109798	4.2	1620 6026
65	417410	PC4 and SFRS1 interacting protein 1	AF063020	Hs.82110	4.2	1114 1115 5651
	438662	cleavage and polyadenylation specific f	AA223599	Hs.6351	4.2	3345 7330
	454390	KIAA0906 protein	AB020713	Hs.56966	4.2	4497 4498 8304
	430130	Homo sapiens mRNA; cDNA DKFZp761G	02121 AL137	311 Hs.23407	74 4.2	2650 2651 6772
<b>-</b> 0	425966	cyclin F	NM_001761	Hs.1 973	4.2	2158 2159 6409
70	430030	lectin, galactoside-binding, soluble, 1	BE300094	Hs.227751	4.2	2641 6764
	436045	DKFZP564O0423 protein	AB037723	Hs.5028	4.2	3169 3170 7176
	429250	tryptophan rich basic protein	H56585	Hs.198308	4.2	4541 6688
	428099	ESTs	AA421288	Hs.149025	4.2	2397 6583
75	408932	TP53TG3 protein	AW594172	Hs.278513	4.2	277 5000
75	434371	KIAA1283 protein	AA631362	Hs.120866	4.2	3050 7077
	412723	hypothetical protein AF301222	AA648459	Hs.335951	4.2	634 5271
	445162	piccolo (presynaptic cytomatrix protein	AB011131	Hs.12376	4.2	3749 3750 7693
	410211	zinc finger protein				
			NM_014347		4.2	431 432 5114
20	420230	forkhead box C1	AL034344	Hs.284186	4.2	1434 1435 5893
80	458300	ribosomal protein L31	AW580932	Hs.164170	4.2	4572 8370
	432618	hypothetical protein MGC2705	AA557284	Hs.172330	4.2	2893 6952
	416224	reticulocalbin 2, EF-hand calcium bindi	NM_002902		4.2	983 984 5550
	421917	KIAA1020 protein	AB028943		4.2	1612 1613 6021
		delta (Drocophila)-lika 3	DE3ED1E0			4E3D D334
25	456759	delta (Drosophila)-like 3	BE259150		4.2	4528 8331
85	456759 404420	C8001064*:gi 6754928 ref NP_035989.1	0		4.2	4748
85	456759					

						4000 5000
	419900	ESTs	AI469960	Hs.170698	4.2	1392 5860
	420028	carbohydrate (N-acetylglucosamine-6-O)	AB014680	Hs.8786	4.2	1408 1409 5872
	408633	PRO2000 protein	AW963372	Hs.222088	4.2	245 4975
	440716	ESTs	AW105245	Hs.307082	4.2	3485 7461
5	440491	ESTs, Weakly similar to 2109260A B cell		Hs.130558	4.2	3468 7447
•	425848	valyl-tRNA synthetase 2	BE242709	Hs.159637	4.2	2150 6402
	413097	ankyrin repeat-containing protein	BE383876	Hs.75196	4.2	681 5312
	424649	embryonic ectoderm development	BE242035	Hs.151461	4.2	1983 6286
10	408621	chromosome 11 open reading frame 8	AI970672	Hs.46638	4.2	244 4974
10	445255	synaptosomal-associated protein, 91 kDa	NM_014841	Hs.1 2477	4.2	3753 3754 7696
	406648	major histocompatibility complex, class	AA563730	Hs.277477	4.2	38 4817
	424130	Homo sapiens mRNA, cDNA DKFZp586L			542	1903 6232
	438253	hypothetical protein from EUROIMAGE 21		Hs.38004	4.2	3311 3312 7303
	413010	transcription factor 6-like 1 (mitochon	AA393273		4.2	668 5301
15				Hs.75133		
13	430390	KIAA0969 protein	AB023186	Hs.343666	4.2	2686 2687 6797
	441495	ESTs	AW294603	Hs.127039	4.2	3521 7494
	452256	Homo sapiens cDNA FLJ10071 fis, clone	H AK000933	Hs.28661	4.2	4306 8146
	423198	cell division cycle 25A	M81933	Hs.1634	4.2	1780 1781 6145
	431393	ESTs, Highly similar to cytokine recept	AW971493	Hs.134269	4.2	2780 6864
20	418283	cathepsin K (pycnodysostosis)	S79895	Hs.83942	4.2	1210 1211 5724
- •	447078	ESTs	AW885727	Hs.9914	4.2	3888 7805
	443698	hypothetical protein FLJ12529	AW961106	Hs.169100	4.2	3636 7599
	436957	ESTs	AA902488	Hs.122952	4.2	3228 7227
25	443898	Sec61 gamma	AW804296	Hs.9950	4.2	3655 7616
25	432265	SCG10-like-protein	BE382679	Hs.285753	4.1	2860 6924
	400205	NM_006265*:Homo sapiens RAD21 (S. p.	ombe	Hs.81848	4.1	4598
	414178	ESTs, Weakly similar to 138022 hypothet	AW957372	Hs.46791	4.1	788 5396
	435593	DKFZP586J1624 protein	R88872	Hs.4964	4.1	3141 7153
	402233	NM_030760*:Homo sapiens endothelial d		113.7507	4.1	4674
30				11- 54000		
50	409200	KIAA0076 gene product	AL042914	Hs.51039	4.1	325 5037
	408772	ESTs	W88532	Hs.254562	4.1	256 4985
	438930	hypothetical protein AL110115	AW843633	Hs.343261	4.1	3366 7349
	441749	ESTs	AW450805	Hs.199316	4.1	3536 7508
	411395	KIAA1802 protein	AA889673	Hs.7542	4.1	532 5190
35	441094	MYC-associated zinc finger protein (pur	U33819	Hs.7647	4.1	3497 3498 7473
	453896	KIAA1853 protein	AW293483	Hs.255205	4.1	4461 8275
	446073	hypothetical protein MGC5508	BE261001	Hs.13662	4.1	3818 7746
	408056	ephrin-A4	AA312329	Hs.42331	4.1	188 4930
40	430200	geminin	BE613337	Hs.234896	4.1	2658 6777
40	408547	ESTs	AA574291	Hs.57837	4.1	238 4969
	408433	ras-related C3 botulinum toxin substrat	AW162931	Hs.45002	4.1	221 4955
	443837	spindle pole body protein	AI984625	Hs.9884	4.1	3650 7612
	436415	proliferation-associated 2G4, 38kD	BE265254	Hs.343258	4.1	3186 7191
	427087				4.1	
45		uncharacterized hypothalamus protein HT		Hs.173515		2301 6508
73	409596	KIAA0410 gene product	BE244200	Hs.90421	4.1	364 5063
	441955	ESTs	AA972327	Hs.368431	4.1	3543 7515
	445674	transcription factor CA150	BE410347	Hs.13063	4.1	3790 7722
	412620	ESTs	T58171	Hs.12253	4.1	617 5258
	429617	8-cell CLL/lymphoma 7A	X89984	Hs.211563	4.1	2589 2590 6728
50	441742	ESTs, Highly similar to A59266 unconven		Hs.31802	4.1	3534 7506
•	414280	zyxin	BE410769	Hs.75873	4.1	796 5403
	423062	ESTs			4.1	1774 1775 6140
			NM_003655			
	452092	hypothetical protein FLJ11210	BE245374	Hs.27842	4.1	4285 8128
<i>5 5</i>	413048	mannose receptor, C type 1	M93221	Hs.75182	4.1	672 673 5305
55	450785	Homo sapiens, alpha-1 (VI) collagen	AA852713	Hs.108885	4.1	4193 8056
	419594	topoisomerase (DNA) II binding protein	AA013051	Hs.91417	4.1	1360 5834
	450705	iroquois homeobox protein 2A (IRX-2A)	U90304	Hs.25351	4.1	4185 4186 8050
	411078	CocoaCrisp	AI222020	Hs.182364	4.1	512 5172
	419452	PTK7 protein tyrosine kinase 7	U33635	Hs.90572	4.1	1340 1341 5821
60	446215	SH3 domain binding glutamic acid-rich p		Hs.14368	4.1	3825 7753
00						
	449969	Homo sapiens cDNA FLJ14337 fis, clone			4.1	4123 8001
	437762	synaptotagmin I	T78028	Hs.154679	4.1	3284 7277
	421931	gamma-aminobutyric acid (GABA) A recep			4.1	1615 1616 6023
	411943	ESTs, Weakly similar to S44608 C02F5.6	BE502436	Hs.7962	4.1	562 5214
65	410160	ESTs	AI124557	Hs.368306	4.1	427 5111
	448072	ESTs	AI459306	Hs.349096	4.1	3974 7876
	418154	nuclear receptor subfamily 1, group I,	BE165866	Hs.352403	4.1	1197 5714
	409869	GDP dissociation inhibitor 1	BE259015	Hs.74576	4.1	393 5085
	444759	ESTs	AW105011	Hs.371157		
70					4.1	3721 7671
70	422599	non-metastatic cells 1, protein (NM23A)	BE387202	Hs.118638	4.1	1710 6092
	421753	ATP-binding cassette, sub-family B (MDR		Hs.107911	4.1	1587_5999
	405516	ENSP00000200457*: Thyroid receptor inte	r		4.1	4785
	454024	hypothetical protein FLJ23403	AA993527	Hs.293907	4.1	4481 8290
	416959	ubiquitin-conjugating enzyme E2A (RAD6		Hs.80612	4.1	1050 1051 5599
75	452187	transcription factor Dp-2 (E2F dimeriza	AA400200	Hs.379018	4.1	4293 8135
	449568	KIAA1598 protein	AL157479	Hs.23740	4.1	4096 7977
	453173	KIAA0442 protein	AB007902	Hs.32168	4.1	4397 4398 8223
	414702	cell division cycle 34	L22005	Hs.76932	4.1	852 853 5448
00	427857	hypothetical protein FLJ22865	AL133017	Hs.288679	4.1	2377 6566
80	423589	ESTs	AA328082	Hs.361361	4.1	1822 6175
	448186	Homo sapiens cDNA FLJ14208 fis, clone I		Hs.4094	4.1	3982 7883
	426269	Homo sapiens mRNA; cDNA DKFZp566A				2190 6433
	431192	ESTs, Weakly similar to SP62_HUMAN SI			4.1	2759 6847
	417164	heterogeneous nuclear ribonucleoprotein				
85				Hs.81361	4.1	1087 5627
05	436639	fibroblast growth factor 9 (glia-activa		Hs.111	4.1	3207 3208 7209
	434775	ESTs	AA648983	Hs.370514	4.1	3074 7098

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448807
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                                                                            Hs.7549
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                                                                                          4.1
           424756
                        lamin B receptor
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                                                                                          4.0
                                                                                                       1997 6296
           449458
                                                                AI805078
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                                                                             Hs.208261
                                                                                          4.0
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           438203
                        ESTs
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                                                                             Hs.7345
                                                                                                       3308 7300
           416737
                        LIM domain protein
                                                                AF154335
                                                                            Hs.79691
                                                                                          4.0
                                                                                                       1028 1029 5582
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                                                                                          4.0
                                                                                                       3923 7833
           417871
                                                                AA521368
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                                                                                                       1163 5686
                        ESTs
                                                                                          4.0
                        ESTs, Weakly similar to TWST_HUMAN TWIS R53185
           452063
                                                                             Hs.32366
                                                                                                       4281 8124
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10
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           416188
                        v-myc avian myelocytomatosis viral onco BE157260
                                                                            Hs.79070
                                                                                                       979 5546
           448950
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                                                               AF288687
                                                                            Hs.9275
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                       CGI-152 protein
Homo sapiens, clone IMAGE:3357127, mRNA AW590613 Hs.30104 4.0
Human DNA sequence from clone RP3-403A1 AL096711 Hs.118744 4.0
B-cell CLL/lymphoma 11A (zinc finger pr AK001035 Hs.130881 4.0
15
           418385
                                                                                                       1225 5734
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                                                                                                       2784 6868
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                                                                                                       1835 1836 6185
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           449281
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                                                               AF167570
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                                                               X14850
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           414493
                                                                AL133921
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                                                                                                       826 5427
                        SWI/SNF related, matrix associated, act
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                                                                                                       1990 1991 6292
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                                                                             Hs.78592
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                                                                AJ114875
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                                                                                                       1672 6064
           448196
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                                                                BE543313
                                                                            Hs.77510
                                                                                                       3983 7884
           401153
                        Target Exon
                                                                                                        4645
30
                                                                                                       2949 2950 6997
3163 7171
2462 6634
                       K562 cell-derived leucine-zipper-like p
RNA binding motif protein 9
                                                                AB038651
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                                                                AI077464
                                                                                          4.0
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                                                                             Hs.351582
                                                                                          4.0
           447898
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                                                                AW969638
                                                                            Hs.380920
                                                                                                       3966 7868
                                                                                          4.0
           419752
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                                                                                                       1386 5854
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           413254
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           439490
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                                                                                                       3401 7384
          433808
418327
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                                                                            Hs.84136
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                                                                            Hs.119769
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                       Homo sapiens mRNA; cDNA DKFZp547J047 (f AA323296 Hs.97837 4.0 transposon-derived Buster3 transposase- AA522539 Hs.131250 4.0
           437464
                                                                                                       3266 7261
                                                                                                       2333 6531
           427472
           437546
                        T-box 1
                                                               AW074836
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                                                                                                       3270 7264
           414682
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                                                               AL021154
                                                                            Hs.76884
                                                                                                       844 845 5443
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                                                                                                       3857 7778
           413433
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                        hypothetical protein FLJ21939 similar t
           449349
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                                                                                                       4083 7965
           413408
                        DEAD/H (Asp-Glu-Ala-Asp/His) box polype R51793
                                                                                                       714 5334
747 5362
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                                                                            Hs.29203
                                                                                          4.0
                                                                                                       3128 7144
           409392
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                                                                            Hs.59710
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           435557
                                                               AA864704
                                                                            Hs.67197
                                                                                          4.0
                                                                                                       3138 7151
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                                                                                                       1682 1683 6071
                        KIAA0756 protein
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60
           TABLE 6B:
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                              Gene cluster number
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           TABLE 6C:
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Ref:
                              Unique number corresponding to an Eos probeset
75
                              Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled
                              sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.
                              Indicates DNA strand from which exons were predicted.
           Strand:
           Nt_position:
                              Indicates nucleotide positions of predicted exons.
80
                       Ref
           Pkev
                                        Strand
                                                            Nt position
          402994
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                                                            4727-4969
                                        Minus
                       9256126
                                                            58313-58489
           406367
                                        Minus
           401621
                       8570184
                                        Minus
                                                            193-608
85
                        6730720
           401797
                                        Plus
                                                            6973-7118
           403857
                        7708910
                                                            2524-3408
```

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	404030	7671252		49362-151749			
	401827	2262095		4725-94860,98	3452-98660		
_	405770	2735037	Plus 6	1057-62075			
5	406311	9211559		37114-139033			
	405754	3688349		9448-19610,20	242-20699		
	400991	8096825	Plus 1	59197-159320			
	402992	7767907	Minus 4	2137-42515			
10	406137	9166422	Minus 3	0487-31058			
10	405268	4156151	Minus 2	4404-24521			
	406076	9123123	Plus 8	9972-90319			
	403650	8705512	Plus 7	1272-71414			
	404632	9796668	Plus 4	5096-45229			
	405326	4375975	Plus 1	0633-10709.30	805-30893,38	078-38253,551	11
15	402861	2814366	Minus 1	4933-15231,15	387-15627	·	
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	403668	7259739		9942-40150			
	402260	3399665		13765-113910.	115653-11576	5.116808-116	94
	402330	4464283		5325-15380,15			
20	406534	7711477		0463-40586,41			no
_,	404420	7407952		29817-130586		300 11300,101	·•
	402233	7690102		0281-91477			
	405516	9454624		12707-112876,	113676-11385	i.A	
	401153	9438289		0582-30801	,110070-11000	-	
25	401100	3430203	1103	0302-30001			
	TABLE 7A						
	TAULE TA						
	Pkey:	Unique Fos prob	eset identifier number				<del></del>
30		Unigene gene titl					
50	Accession:			occesion numb	hor		
	UniGene:	Unigene number	sion number, Genbank	accession numi	Dei		•
	RATIO:			a dividad by the	o COth normantil	a of samuel lie	ave Ale where the 40th personally of commel ticous Ale was
			ii son ussue sarcoma Ai				sue Als, where the 10th percentile of normal tissue Als was
35	subtracted fro				or and denomin		
33	SEQ ID #:	nucieic acio ano	protein sequences prov	idea on CD for	search purpos	es	
	Dian	Cara Nama		A	11-10	DATIO	05010.#
	Pkey	Gene Name	tida 2	Accession	UniGene	RATIO	SEQ ID #
	413778		ypeptide 2, regulatory	AA090235	Hs.75535	45.0	740 5356
40	428087	troponin C2, fast		AA100573	Hs.182421	42.8	2396 6582
40	407245	titin		X90568	Hs.172004	42.7	132 133 4881
	425545		lone MGC:12401, mRN		Hs.158295	34.0	2114 6379
	426752	titin		X69490	Hs.172004	34.0	2266 2267 6482
	409601		molytic hyperkeratosis	AF237621	Hs.80828	32.2	365 366 5064
15	412519	troponin T1, skel		AA196241	Hs.73980	31.6	598 5244
45	406704		olypeptide 7, cardiac mu		Hs.929	29.8	55 56 4826
	409169		-24) myosin light chain 2		Hs.50889	29.3	316 5029
	428221		sporting, cardiac muscle		Hs.183075	28.0	2408 2409 6592
	400440	nebulin		X83957	Hs.83870	26.0	24 25 4627
50	422633	enolase 3, (beta,	, muscle)	X56832	Hs.118804	25.7	1716 1717 6098
50	407013	gb:Human nebul	in mRNA, partial cds	U35637	Hs.83870	25.5	94 95 4851
	422867	cartilage oligome	eric matrix protein (ps	L32137	Hs.1584	25.1	1751 1752 6122
	406706	myosin, heavy po	olypeptide 1, skeletal m	X03740	Hs.231581	24.8	59 60 4828
	417070	titin		Z19077	Hs.172004	24.6	1070 5614
	424687		oteinase 9 (gelatinase	J05070	Hs.151738	23.6	1986 1987 6289
55	426300	delta-like homolo	og (Drosophila)	U15979	Hs.169228	22.3	2196 2197 6437
	406707	myosin, heavy po	olypeptide 2, skeletal m	S73840	Hs.931	22.2	
	412129	troponin T3, skel	etal, fast	M21984		22.2	61 62 4829
	431204	autochromo o ovi			Hs.73454	22.1	61 62 4829 571 572 5222
	422640	Cytochilonie C oxi	idase subunit VIa polype		Hs.73454 Hs.250760		
60		troponin C, slow				22.1	571 572 5222
	421296			F28841	Hs.250760 Hs.118845	22.1 21.4	571 572 5222 2760 6848
	416931	troponin C, slow perilipin adipose most ab	undant gene transcript 1	F28841 M37984 NM_002666 D45371	Hs.250760 Hs.118845	22.1 21.4 21.0	571 572 5222 2760 6848 1718 1719 6099
		troponin C, slow perilipin	undant gene transcript 1	F28841 M37984 NM_002666	Hs.250760 Hs.118845 Hs.1 03253	22.1 21.4 21.0 20.3	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961
	416931	troponin C, slow perilipin adipose most ab troponin I, skelet	undant gene transcript 1	F28841 M37984 NM_002666 D45371	Hs.250760 Hs.118845 Hs.1 03253 Hs.80485	22.1 21.4 21.0 20.3 19.9	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597
<i></i>	416931 418205	troponin C, slow perilipin adipose most ab troponin I, skelet interleukin enhan	undant gene transcript 1 al, fast	F28841 M37984 NM_002666 D45371	Hs.250760 Hs.118845 Hs.1 03253 Hs.80485	22.1 21.4 21.0 20.3 19.9 19.5	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597 1204 1205 5720
65	416931 418205 405001	troponin C, slow perilipin adipose most ab troponin I, skelet interleukin enhan	undant gene transcript i al, fast ncer binding factor 1	F28841 M37984 NM_002666 D45371 L21715	Hs.250760 Hs.118845 Hs.1 03253 Hs.80485 Hs.83760	22.1 21.4 21.0 20.3 19.9 19.5 19.4	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597 1204 1205 5720 4767
65	416931 418205 405001 441134	troponin C, slow perilipin adipose most ab- troponin I, skelet- interleukin enhan cellular retinoic a	undant gene transcript i al, fast ncer binding factor 1	F28841 M37984 NM_002666 D45371 L21715 W29092	Hs.250760 Hs.118845 Hs.1 03253 Hs.80485 Hs.83760 Hs.346950	22.1 21.4 21.0 20.3 19.9 19.5 19.4	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597 1204 1205 5720 4767 3500 7475
65	416931 418205 405001 441134 410621	troponin C, slow perilipin adipose most ab troponin I, skelet interteukin enhan cellular retinoic a titin	undant gene transcript al, fast neer binding factor 1 ccid-binding protein	E F28841 M37984 NM_002666 D45371 L21715 W29092 AA194329	Hs.250760 Hs.118845 Hs.1 03253 Hs.80485 Hs.83760 Hs.346950 Hs.172004 Hs.112457	22.1 21.4 21.0 20.3 19.9 19.5 19.4 19.4 19.3	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597 1204 1205 5720 4767 3500 7475 481 5149
65	416931 418205 405001 441134 410621 421773	troponin C, slow perilipin adipose most ab troponin I, skelet interleukin enhan cellular retinoic a titin ESTs lipase, hormone-	undant gene transcript al, fast neer binding factor 1 ccid-binding protein	E F28841 M37984 NM_002666 D45371 L21715 W29092 AA194329 W69233	Hs.250760 Hs.118845 Hs.1 03253 Hs.80485 Hs.83760 Hs.346950 Hs.172004 Hs.112457	22.1 21.4 21.0 20.3 19.9 19.5 19.4 19.4 19.3 18.7	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597 1204 1205 5720 4767 3500 7475 481 5149 1588 6000
	416931 418205 405001 441134 410621 421773 420139	troponin C, slow perilipin adipose most ab troponin I, skelet interleukin enhan cellular retinoic a titin ESTs lipase, hormone-	undant gene transcript al, fast neer binding factor 1 neid-binding protein sensitive alpha 1 (primary ost	E F28841 M37984 NM_002666 D45371 L21715 W29092 AA194329 W69233 NM_005357	Hs.250760 Hs.118845 Hs.1 03253 Hs.80485 Hs.83760 Hs.346950 Hs.172004 Hs.112457 Hs.9 5351	22.1 21.4 21.0 20.3 19.9 19.5 19.4 19.4 19.3 18.7 18.4	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597 1204 1205 5720 4767 3500 7475 481 5149 1588 6000 1419 1420 5881
65 70	416931 418205 405001 441134 410621 421773 420139 417153	troponin C, slow perilipin adipose most ab troponin I, skelet interleukin enhan cellular retinoic a titin ESTs lipase, hormone-collagen, type II, titin-cap (telethor	undant gene transcript al, fast neer binding factor 1 neid-binding protein sensitive alpha 1 (primary ost	E F28841 M37984 NM_002666 D45371 L21715 W29092 AA194329 W69233 NM_005357 X57010	Hs.250760 Hs.118845 Hs.1 03253 Hs.80485 Hs.83760 Hs.346950 Hs.172004 Hs.112457 Hs.9 5351 Hs.81343 Hs.343603	22.1 21.4 21.0 20.3 19.9 19.5 19.4 19.4 19.3 18.7 18.4 17.9	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597 1204 1205 5720 4767 3500 7475 481 5149 1588 6000 1419 1420 5881 1084 1085 5625
	416931 418205 405001 441134 410621 421773 420139 417153 422069	troponin C, slow perilipin adipose most ab troponin I, skelet interleukin enhan cellular retinoic a titin ESTs lipase, hormone-collagen, type II, titin-cap (telethor	undant gene transcript al, fast neer binding factor 1 cid-binding protein sensitive alpha 1 (primary ost nin) ase III, muscle specific	E F28841 M37984 NM_002666 D45371 L21715 W29092 AA194329 W69233 NM_005357 X57010 AJ010063	Hs.250760 Hs.118845 Hs.1 03253 Hs.80485 Hs.83760 Hs.346950 Hs.172004 Hs.112457 Hs.9 5351 Hs.81343 Hs.343603	22.1 21.4 21.0 20.3 19.9 19.5 19.4 19.3 18.7 18.7 18.7	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597 1204 1205 5720 4767 3500 7475 481 5149 1588 6000 1419 1420 5881 1084 1085 5625 1635 1636 6037
	416931 418205 405001 441134 410621 421773 420139 417153 422069 417435	troponin C, slow perilipin adipose most ab troponin I, skelet interleukin enhan cellular retinoic a titin ESTs lipase, hormone-collagen, type II, titin-cap (telethor carbonic anhydra serum amyloid A	undant gene transcript al, fast neer binding factor 1 cid-binding protein sensitive alpha 1 (primary ost nin) ase III, muscle specific	E F28841 M37984 NM_002666 D45371 L21715 W29092 AA194329 W69233 NM_005357 X57010 AJ010063 NM_005181	Hs. 250760 Hs. 118845 Hs. 1 03253 Hs. 80485 Hs. 83760 Hs. 172004 Hs. 112457 Hs. 9 5351 Hs. 81343 Hs. 343603 Hs. 8 2129	22.1 21.4 21.0 20.3 19.9 19.5 19.4 19.3 18.7 18.4 17.9 17.9	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597 1204 1205 5720 4767 3500 7475 481 5149 1588 6000 1419 1420 5881 1084 1085 5625 1635 1636 6037 1121 1122 5655
	416931 418205 405001 441134 410621 421773 420139 417153 422069 417435 427899	troponin C, slow perilipin adipose most ab troponin I, skelet interleukin enhan cellular retinoic a titin ESTs lipase, hormone-collagen, type II, titin-cap (telethor carbonic anhydra serum amyloid A preferentially exp	undant gene transcript al, fast neer binding factor 1 cid-binding protein sensitive alpha 1 (primary ost nine) ase III, muscle specific 1	P F28841 M37984 NM_002666 D 45371 L21715 W29092 AA194329 W69233 NM_005357 X57010 AJ010063 NM_005181 AA829286	Hs. 250760 Hs. 118845 Hs. 103253 Hs. 80485 Hs. 83760 Hs. 346950 Hs. 172004 Hs. 112457 Hs. 9 5351 Hs. 81343 Hs. 343603 Hs. 8 2129 Hs. 336462	22.1 21.4 21.0 20.3 19.9 19.4 19.4 19.3 18.7 18.7 17.9 17.9 17.2 17.1	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597 1204 1205 5720 4767 3500 7475 481 5149 1588 6000 1419 1420 5881 1084 1085 5625 1635 1636 6037 1121 1122 5655 2384 6571
70	416931 418205 405001 441134 410621 421773 420139 417153 422069 417435 427899 452838	troponin C, slow perilipin adipose most ab troponin I, skelet interleukin enhan cellular retinoic a titin ESTs lipase, hormone-collagen, type II, titin-cap (telethor carbonic anhydra serum amyloid A preferentially exp	undant gene transcript al, fast icer binding factor 1 icid-binding protein sensitive alpha 1 (primary ost in) asset III, muscle specific 1 pressed antigen in mel	E F28841 M37984 NM_002666 D45371 L21715 W29092 AA194329 W69233 NM_005357 X57010 AJ010063 NM_005181 AA829286 U65011	Hs. 250760 Hs. 118845 Hs. 103253 Hs. 80485 Hs. 83760 Hs. 172004 Hs. 112457 Hs. 9 5351 Hs. 81343 Hs. 343603 Hs. 8 2129 Hs. 336462 Hs. 30743 Hs. 60708	22.1 21.4 21.0 20.3 19.9 19.5 19.4 19.3 18.7 18.7 17.9 17.9 17.2 17.1 16.9 16.8	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597 1204 1205 5720 4767 3500 7475 481 5149 1588 6000 1419 1420 5881 1084 1085 5625 1635 1636 6037 1121 1122 5655 2384 6571 4357 4358 8188 433 434 5115
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70	416931 418205 405001 441134 410621 421773 420139 417153 422069 417435 427899 452838 410223 408591 446523	troponin C, slow perilipin adipose most ab troponin I, skelet interfeukin enhar cellular retinoic a titin ESTs lipase, hormone-collagen, type II, titin-cap (telethor carbonic anhydra serum amyloid A preferentially exp calsequestrin 1 (imammaglobin 1 sarcolipin myosin-binding p	undant gene transcript al, fast neer binding factor 1 ccid-binding protein sensitive alpha 1 (primary ost nin) ase III, muscle specific 1 pressed antigen in mel fast-twitch, skeletal	E F28841 M37984 MM_002666 D45371 L21715 W29092 AA194329 W69233 NM_005357 X57010 AJ010063 NM_005181 AA829286 U65011 S73775 AF015224 NM_00363 NM_004533	Hs. 250760 Hs. 118845 Hs. 103253 Hs. 80485 Hs. 80485 Hs. 3760 Hs. 172004 Hs. 112457 Hs. 9 5351 Hs. 81343 Hs. 343603 Hs. 8 2129 Hs. 336462 Hs. 30743 Hs. 60708 Hs. 46452 Hs. 3 34629	22.1 21.4 21.0 20.3 19.9 19.5 19.4 19.4 19.3 18.7 17.9 17.9 17.9 17.2 17.1 16.9 16.6 16.6	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597 1204 1205 5720 4767 3500 7475 481 5149 1588 6000 1419 1420 5881 1084 1085 5625 1635 1636 6037 1121 1122 5655 2384 6571 4367 4358 8188 433 434 5115 241 242 4972 3852 3853 7774
70	416931 418205 405001 441134 410621 421773 420139 417153 422069 417435 427899 452838 410223 408591 446523 418533	troponin C, slow perilipin adipose most ab troponin I, skelet interleukin enhan cellular retinoic a titin ESTs lipase, hormone-collagen, type II, titin-cap (telethor carbonic anhydra serum amyloid A preferentially exp calsequestrin 1 (imammaglobin 1 sarcolipin myosin-binding p ESTs, Weakly sii	undant gene transcript al, fast ncer binding factor 1 ncid-binding protein sensitive alpha 1 (primary ost nin) ase III, muscle specific 1 pressed antigen in mel fast-twitch, skeletal	## F28841  ## M37984  MM_002666  D45371  L21715  ## W29092  AA194329  ## W69233  NM_005357  X57010  AJ010063  NM_005181  AA829286  U65011  S73775  AF015224  NM_003063  NM_004533  ## M04533  ## AW139647	Hs. 250760 Hs. 118845 Hs. 103253 Hs. 80485 Hs. 83760 Hs. 346950 Hs. 172004 Hs. 112457 Hs. 9 5351 Hs. 81343 Hs. 343603 Hs. 8 2129 Hs. 336462 Hs. 30743 Hs. 60708 Hs. 46452 Hs. 3 34629 Hs. 8 5937 Hs. 88134	22.1 21.4 21.0 20.3 19.9 19.5 19.4 19.4 19.3 18.7 18.7 17.9 17.9 17.2 16.9 16.8 16.6 16.3 16.1	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597 1204 1205 5720 4767 3500 7475 481 5149 1588 6000 1419 1420 5881 1084 1085 5625 1635 1636 6037 1121 1122 5655 2384 6571 4357 4358 8188 433 434 5115 241 242 4972 3852 3853 7774 1253 1254 5754
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70 75	416931 418205 405001 441134 410621 421773 420139 417153 422069 417435 427899 452838 410223 408591 446523 418533 420197 416373 404977 424688	troponin C, slow perilipin adipose most ab troponin I, skelet interleukin enhar cellular retinoic a titin ESTs lipase, hormone-collagen, type II, titin-cap (telethor carbonic anhydra serum amyloid A preferentially exp calsequestrin 1 (imammaglobin 1 sarcolipin myosin-binding p ESTs, Weakly sii ESTs, Weakly sii Insulin-like growt myosin, light poly	undant gene transcript al, fast neer binding factor 1 neid-binding protein  sensitive alpha 1 (primary ost nin) ase III, muscle specific 1 orotein C, fast-type milar to A57291 cytokin milar to S12658 cystein h factor 2 (somatomed peptide 3, alkali; ve muscle)	## F28841  ## M37984  MM_002666  ## D45371  L21715  ## W29092  AA194329  ## W69233  NM_005357  X57010  AJ010063  NM_005181  AA829286  U65011  S73775  AF015224  NM_003063  NM_003633  MM_004533  ## AW139647  ## AA195845  AA216287  AA194560	Hs. 250760 Hs. 118845 Hs. 103253 Hs. 80485 Hs. 83760 Hs. 346950 Hs. 172004 Hs. 112457 Hs. 9 5351 Hs. 81343 Hs. 343603 Hs. 8 2129 Hs. 336462 Hs. 30743 Hs. 60708 Hs. 46452 Hs. 3 34629 Hs. 8 5937 Hs. 88134 Hs. 73680 Hs. 1815 Hs. 250763	22.1 21.4 21.0 20.3 19.9 19.5 19.4 19.3 18.7 18.7 17.9 17.9 17.2 16.9 16.8 16.6 16.3 16.1 16.1 16.0 15.8	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597 1204 1205 5720 4767 3500 7475 481 5149 1588 6000 1419 1420 5881 1084 1085 5625 1635 1636 6037 1121 1122 5655 2384 6571 4357 4358 8188 433 434 5115 241 242 4972 3852 3853 7774 1253 1254 5754 1429 5889 996 5559 4766 1988 6290 2761 6849
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70 75	416931 418205 405001 441134 410621 421773 420139 417153 422069 417435 427899 452838 410223 408591 446523 418533 420197 416373 404977 424688 431205 418391 409096	troponin C, slow perilipin adipose most ab troponin I, skelet interleukin enhan cellular retinoic a titin ESTs lipase, hormone-collagen, type II, titin-cap (telethor carbonic anhydra serum amyloid A preferentially exp calsequestrin 1 (imammaglobin 1 sarcolipin myosin-binding p ESTs, Weakly sii Insulin-like growth tropomodulin 4 (in troponin I, skeleti sarcomeric muse) MM_003319*:Holiphosphorytase, g	undant gene transcript al, fast neer binding factor 1 cid-binding protein  sensitive alpha 1 (primary ost nin) ase III, muscle specific 1 pressed antigen in mel fast-twitch, skeletal  protein C, fast-type milar to \$12658 cystein th factor 2 (somatomed peptide 3, alkali; ve muscle) al, slow the protein	## F28841  ## M37984  MM_002666  ## D45371  L21715  ## W29092  AA194329  ## W69233  MM_005357  X57010  AJ010063  NM_005181  AA829286  U65011  S73775  AF015224  NM_003063  MM_004533  ## AM19647  ## AA195845  AA216287  AA194560  NM_003281  AA194412  ## R  ## U94777	Hs. 250760 Hs. 118845 Hs. 103253 Hs. 80485 Hs. 83760 Hs. 346950 Hs. 172004 Hs. 112457 Hs. 9 5351 Hs. 81343 Hs. 84343 Hs. 343603 Hs. 8 2129 Hs. 336462 Hs. 30743 Hs. 60708 Hs. 46452 Hs. 3 34629 Hs. 8 5937 Hs. 88 134 Hs. 73680 Hs. 1815 Hs. 250763 Hs. 8 4673	22.1 21.4 21.0 20.3 19.9 19.5 19.4 19.4 19.3 18.7 17.9 17.9 17.9 16.8 16.6 16.4 16.3 16.1 16.0 15.5 15.5	571 572 5222 2760 6848 1718 1719 6099 1525 1526 5961 1047 1048 5597 1204 1205 5720 4767 3500 7475 481 5149 1588 6000 1419 1420 5881 1084 1085 5625 1635 1636 6037 1121 1122 5655 2384 6571 4357 4358 8188 433 434 5115 241 242 4972 3852 3853 7774 1253 1254 5754 1429 5889 996 5559 4766 1988 6290 2761 6849 1228 1229 5736 302 5019

	418390	titin immunoglobulin domain protein (my	AF133820	Hs.84665	14.8	1226 1227 5735
	421566	early growth response 2 (Krox-20 (Droso	NM_000399	Hs.1 395	14.7	1563 1564 5984
	406964	FGENES predicted novel secreted protein	M21305		14.5	87 88 4847
	429359	matrix metalloproteinase 14 (membrane-i		Hs.2399	14.5	2551 6702
5						
9	419138	ryanodine receptor 1 (skeletal)	U48508	Hs.89631	13.9	1309 1310 5796
	431360	loricrin	NM_000427		13.9	2776 2777 6861
	419648	thyroid hormone responsive SPOT14 (rat)	173661	Hs.91877	13.8	1366 5839
	427666	calmodulin-like skin protein (CLSP)	AI791495	Hs.180142	13.7	2356 6550
	431089	ESTs, Weakly similar to unknown protein	BE041395	Hs.374629	13.7	2745 6838
10	426429	myosin-binding protein C, slow-type	X73114	Hs.169849	13.6	2224 2225 6456
10						
	439496	Homo sapiens, Similar to RIKEN cDNA 1		Hs.32343	13.5	3402 7385
	408493	phosphoglycerate mutase 2 (muscle)	BE206854	Hs.46039	13.4	231 4962
	420783	lectin, galactoside-binding, soluble, 7	AI659838	Hs.99923	13.3	1478 5924
	400499	C10001858:qi]6679124 ref NP_032759.1]	n		13.3	4628
15	407102	glycerol-3-phosphate dehydrogenase 1 (s	AA007629	Hs.348601	13.2	109 4861
	422424	prostate differentiation factor	AI186431	Hs.296638	13.2	1681 6070
		•				
	424399	Al905687:IL-BT095-190199-019 BT095 H			12.9	1942 6259
	417389	midkine (neurite growth-promoting facto	BE260964	Hs.82045	12.8	1109 5647
•	430411	bone gamma-carboxyglutamate (gla) prot	e X51699	Hs.2558	12.7	2691 2692 6800
20	437206	ESTs, Weakly similar to I38344 titin, c	AW975934	Hs.172004	12.6	3245 7242
	434352	small muscle protein, X-linked	AF129505	Hs.86492	12.6	3047 3048 7075
	430681	ESTs	AW969675	Hs.291232	12.5	2719 6819
	453857	Ras-induced senescence 1 (RIS1)	AL080235	Hs.35861	12.5	4449 4450 8266
25	445263	KIAA1560 protein	H57646	Hs.42586	12.4	3755 7697
25	429973	ESTs	AI423317	Hs.164680	12.4	2628 6756
	406687	matrix metalloproteinase 11 (stromelysi	M31126	Hs.352054	12.3	49 50 4823
	414152	thrombospondin 4	NM_003248		12.2	782 783 5391
	446619	secreted phosphoprotein 1 (osteopontin,		Hs.313	12.2	3861 7782
20	429997	apolipoprotein B mRNA editing enzyme, o	NM_006789	HS.2 2/45/	12.2	2636 2637 6761
30	403593	Target Exon			12.1	4725
	444381	hypothetical protein BC014245	BE387335	Hs.283713	12.1	3697 7652
	419050	adenosine monophosphate deaminase 1			12.1	1293 1294 5784
	416378	ankyrin repeat domain 2 (stretch respon	AW044467	Hs.73708	12.1	997 5560
25	427809	lipoprotein lipase	M26380	Hs.180878	12.0	2373 6562
35	450701	hypothetical protein XP_098151 (leucine	H39960	Hs.288467	11.7	4183 8048
	408915	heptacellular carcinoma novel gene-3 pr	NM_016651	Hs.4 8950	11.6	274 275 4998
	453331	ESTs	AI240665	Hs.352537	11.6	4413 8236
	436519	myozenin	AJ278124	Hs.238756	11.5	3196 3197 7200
40	418072	Human DNA sequence from clone RP3-3		Hs.86507	11.5	1190 5707
40	443727	ESTs	Z25389	Hs.18459	11.4	3640 7603
	417866	collagen, type XI, alpha 1	AW067903	Hs.82772	11.3	1162 5685
	446921	small inducible cytokine subfamily A (C	AB012113	Hs.16530	11.3	3878 3879 7797
	408536	ESTs	AW381532	Hs.135188	11.1	236 4967
	411102	triadin	AA401295	Hs.23926	11.1	515 5175
45						
73	416349	myomesin (M-protein) 2 (165kD)	X69089	Hs.79227	11.1	991 992 5556
	418399	hypothetical protein FLJ12442	AF131781	Hs.84753	10.9	1232 1233 5738
	444329	hypothetical protein FLJ12921	W73753	Hs.209637	10.8	3693 7648
	443514	ESTs	BE464288	Hs.25475	10.8	3624 7588
	416559	ESTs	AI039195	Hs.128060	10.8	1012 5571
50	419875		AA853410		10.7	1391 5859
50		proenkephalin		Hs.93557		
	429259	Plakophilin	AA420450	Hs.380088	10.7	2535 6689
	417308	KIAA0101 gene product	H60720	Hs.81892	10.7	1094 5634
	409944	four and a half LIM domains 3	BE297925	Hs.57687	10.7	399 5090
	400651	ENSP00000228031*:COPPER CHAPERO	ONE FOR S		10.7	4636
55	428769	ESTs	AW207175	Hs.106771	10.6	2470 6640
22			NM 001327			
	418678	cancer/testis antigen (NY-ESO-1)			10.5	1269 1270 5765
	450787	aquaporin 7	AB006190	Hs.25475	10.4	4194 4195 8057
	418054	lysyl oxidase-like 2	NM_002318	Hs.8 3354	10.4	1184 1185 5702
	401781	Target Exon			10.4	4662
60	428405	cholinergic receptor, nicotinic, alpha	Y00762	Hs.2266	10.3	2436 2437 6615
-	409178	kallikrein 5	BE393948	Hs.50915	10.3	319 5032
	410687	lysyl oxidase-like 1	U24389			485 486 5153
				Hs.65436	10.2	
	425292	37 kDa leucine-rich repeat (LRR) protei	NM_005824		10.2	2083 2084 6359
15	413011	biglycan	AW068115	Hs.821	10.1	669 5302
65	427335	G antigen 7B	AA448542	Hs.278444	10.1	2317 6520
	422887	ESTs	AI751848	Hs.49215	10.1	1755 6124
	432874	melanoma inhibitory activity	W94322	Hs.279651	10.0	2913 6968
	419741	ubiquitin carrier protein E2-C	NM_007019		10.0	1379 1380 5850
70	418004	aldehyde dehydrogenase 3 family, membe		Hs.87539	9.9	1174 1175 5695
70	419301	tenomodulin protein	AA236166	Hs.132957	9.9	1328 5811
	442117	ESTs; hypothetical protein for IMAGE:44	AW664964	Hs.128899	9.9	3551 7523
	422060	ESTs, Moderately similar to ALU5_HUMA		Hs.325823	9.9	1633 6035
	437330	Homo sapiens mRNA; cDNA DKFZp761J				3253 7250
			L24203	Hs.82237		
75	417515	ataxia-telangiectasia group D-associate			9.9	1129 1130 5659
13	408202	DKFZP586L151 protein	AA227710	Hs.43658	9.9	202 4942
	428471	stratifin	X57348	Hs.184510	9.9	2445 2446 6622
	411021	titin	F00055	Hs.172004	9.8	508 5169
	428848	leptin (murine obesity homolog)	NM_000230		9.8	2481 2482 6649
	421512	myomegalin	AB007923	Hs.265848	9.8	1554 1555 5979
80						
ou	456115	titin	F01082	Hs.172004	9.8	4515 8320
	446962	muscle specific ring finger protein 1	AI351421	Hs.279709	9.7	3884 7801
	417405	ESTs	W28657	Hs.5307	9.7	1112 5649
	426600	VGF nerve growth factor inducible	NM_003378		9.6	2255 2256 6475
	450375	a disintegrin and metalloproteinase dom	AA009647	Hs.352537	9.6	4159 8028
85	420067	Homo sapiens mRNA; cDNA DKFZp5640			9.6	1414 5876
00						
	421823	ESTs	N40850	Hs.28625	9.6	1600 6011

	431211	gap junction protein, beta 2, 26kD (con	M86849	Hs.323733	9.6	2762 2763 6850
	431830	small inducible cytokine subfamily A (C	Y16645	Hs.271387	9.4	2827 2828 6900
	423961	periostin (OSF-2os)	D13666	Hs.136348	9.4	1878 1879 6215
_	409028	Z-band alternatively spliced PDZ-motif	AB014513	Hs.49998	9.4	296 297 5015
5	421552	secreted frizzled-related protein 4	AF026692	Hs.105700	9.4	1559 1560 5982
	429892	myomesin 1 (skelemin) (185kD)	NM_003803	Hs.2 504	9.4	2614 2615 6745
	429500	hexabrachion (tenascin C, cytotactin)	X78565	Hs.289114	9.4	2574 2575 6718
	416982	creatine kinase, mitochondrial 2 (sarco	J05401	Hs.80691	9.3	1055 1056 5602
		nuclear receptor subfamily 1, group I,				1198 5715
10	418156	, , , , ,	W17056	Hs.83623	9.3	
10	434449	hypothetical protein FLJ22041 similar t	AW953484	Hs.3849	9.3	3057 7083
	435370	ESTs	AI964074	Hs.225838	9.2	3120 7136
	420208	silver (mouse homolog) like	BE276055	Hs.95972	9.2	1431 5891
	422871	collagen, type XI, alpha 2	AL031228	Hs.121509	9.2	1753 1754 6123
	401780	NM_005557*:Homo sapiens keratin 16 (fo		1.0.121000	9.1	4661
15				11- 254546		
13	438089	nuclear receptor subfamily 1, group I,	W05391	Hs.351546	9.1	3301 7294
	422311	cytokine receptor-like factor 1	AF073515	Hs.114948	9.0 ,	1669 1670 6062
	429134	ESTs	AA446953	Hs.99004	9.0	2514 6673
	445234	ESTs	AW137636	Hs.146059	9.0	3751 7694
	427639	Homo sapiens, clone MGC:18257, mRNA				2353 6547
20	428748	Ksp37 protein	AW593206	Hs.98785	8.9	2468 6638
20						
	412560	CCR4-NOT transcription complex, subuni		Hs.350495	8.9	602 5248
	418140	microfibrillar-associated protein 2	BE613836	Hs.83551	8.9	1196 5713
	428698	KIAA1866 protein	AA852773	Hs.334838	8.9	2463 6635
	411789	Adlican	AF245505	Hs.72157	8.9	553 554 5207
25	434326	reticulon 2	NM_005619		8.9	3043 3044 7073
	420798		W93774			
		keratin 10 (epidermolytic hyperkeratosi		Hs.99936	8.9	1479 5925
	430713	eukaryotic translation elongation facto	AA351647	Hs.2642	8.8	2726 6824
	451681	ESTs, Weakly similar to AA64_HUMAN 6		Hs.255950	8.8	4245 8097
20	424408	collagen, type V, alpha 1	AI754813	Hs.146428	8.8	1943 6260
30	428305	cartilage linking protein 1	AA446628	Hs.2799	8.7	2426 6607
_	414482	endothelin receptor type A	S57498	Hs.76252	8.7	824 825 5426
	428957	WNT1 inducible signaling pathway protei		Hs.1 94679	8.7	2491 2492 6656
	412472	ESTs	AW975398	Hs.293836	8.7	593 5240
25	410001	kallikrein 11	AB041036	Hs.57771	8.7	403 404 5094
35	428398	ESTs	AI249368	Hs.98558	8.7	2435 6614
	418113	SRY (sex determining region Y)-box 4	Al272141	Hs.83484	8.7	1194 5711
	428289	complement component 2	M26301	Hs.2253	8.7	2421 2422 6603
	411296	growth suppressor 1	BE207307	Hs.10114	8.7	524 5183
`						
40	438091	nuclear receptor subfamily 1, group I,	AW373062	Hs.351546	8.6	3302 7295
40	436555	ESTs, Weakly similar to 2003319A ankyri	AI972007	Hs.304646	8.6	3200 7202
	410079	glycogenin 2	U94362	Hs.380757	8.6	418 419 5104
	419550	KIAA0128 protein; septin 2	D50918	Hs.90998	8.6	1348 1349 5827
	452023	KIAA1173 protein	AB032999	Hs.27566	8.6	4271 4272 8118
	415989	ESTs	AI267700	Hs.351201	8.6	962 5530
45	424086					
73		lysyl oxidase	Al351010	Hs.102267	8.5	1896 6227
	422511	collagen, type XVII, alpha 1	AU076442	Hs.117938	8.5	1692 6078
	412326	small inducible cytokine A3 (homologous	R07566	Hs.73817	8.5	582 5231
	416783	monocyte to macrophage differentiation-	AA206186	Hs.79889	8.5	1031 5584
	413554	secretogranin II (chromogranin C)	AA319146	Hs.75426	8.5	729 5346
50	407112	ESTs, Weakly similar to ALU7_HUMAN A			8.5	111 4863
-	418064		BE387287	Hs.83384	8.5	
		S100 calcium-binding protein, beta (neu				1188 5705
	406673	major histocompatibility complex, class	M34996	Hs.198253	8.5	90 91 4821
	416658	fibrillin 2 (congenital contractural ar	U03272	Hs.79432	8.5	1020 1021 5577
	435101	ESTs	AI743156	Hs.131064	8.5	3106 7124
55	424800	MyoD family inhibitor	AL035588	Hs.153203	8.4	2002 2003 6300
	420103	aldehyde dehydrogenase 1 family, membe		Hs.95197	8.4	1416 5878
	414219	ALL1-fused gene from chromosome 1q	W20010	Hs.75823	8.3	789 5397
	420813	prolactin-induced protein	X51501	Hs.99949	8.3	1482 1483 5927
60	423044	protocadherin 18	AA320829	Hs.97266	8.3	1772 6138
60	418026	fatty acid binding protein 4, adipocyte	BE379727	Hs.83213	8.3	1179 5698
	433430	ESTs	AI863735	Hs.369982	8.3	2977 7018
	409633	ESTs	AW449822	Hs.55200	8.3	371 5068
	443426	chromosome 20 open reading frame 1	AF098158	Hs.9329	8.3	3621 3622 7586
	445537	EGF-like-domain, multiple 6	AJ245671	Hs.12844	8.2	3780 3781 7716
65						
00	411852	ESTs, Weakly similar to T00329 hypothet		Hs.107515	8.2	555 5208
	445016	reelin	U79716	Hs.12246	8.2	3738 3739 7684
	415672	ESTs	N53097	Hs.193579	8.2	937 5511
	408349	homeo box C10	BE546947	Hs.44276	8.1	213 4949
	456063	retinol-binding protein 4, interstitial	NM_006744		8.1	4511 4512 8317
70	422087	matrix metalloproteinase 2 (gelatinase	X58968	Hs.111301	8.1	1641 6040
, 0	423778	flavin containing monooxygenase 2		Hs.132821		
					8.1	1846 1847 6193
	413902	CD36 antigen (collagen type I receptor,		.Hs.75613	8.1	752 5366
	449722	cyclin B1	BE280074	Hs.23960	8.1	4112 7990
7.5	423024	ESTs, Moderately similar to ALU5_HUMA	N AA593731	Hs.325823	8.1	1770 6136
75	449048	similar to S68401 (cattle) glucose indu	Z45051	Hs.22920	8.1	4061 7945
	421690	calbindin 2, (29kD, calretinin)	AW162667	Hs.106857	8.0	1580 5994
	409103	XAGE-1 protein	AF251237		8.0	304 305 5021
				Hs.112208		
	426991	Homo sapiens cDNA FLJ10674 fis, clone		Hs.214410	8.0	2294 6502
00	457869	Homo sapiens, alpha-1 (VI) collagen	AU077186	Hs.108885	8.0	4561 8359
80	450300	ESTs, Highly similar to ITH4_HUMAN INT		Hs.58210	8.0	4154 8024
	452862	ADAMTS2 (a disintegrin-like and metall			8.0	4360 8190
	403071	NM_003319*:Homo sapiens titin (TTN), m			8.0	4702
	412719	ESTs			8.0	633 5270
	447377					
85		transcription factor AP-2 alpha			7.9	3920 3921 7831
05	430686	desmoglein 1	NM_001942		7.9	2721 2722 6821
	425397	topoisomerase (DNA) II alpha (170kD)	J04088	Hs.156346	7.9	2099 2100 6369

	452620	ESTs	AA436504	Hs.119286	7.9	4338 8172
	423575	intron of periostin (OSF-2os)	C18863	Hs.163443	7.9	1820 6173
	453817	ESTs	AW755253	Hs.379636	7.9	4442 8260
5	442082 442376	calsyntenin-2  Homo sapiens cDNA FLJ12228 fis. clone	R41823	Hs.7413 Hs.129982	7.8 7.8	3550 7522 3557 7529
3	423739	ESTs	AA398155	Hs.97600	7.8	1842 6190
	440042	ESTs	AI073387	Hs.133898	7.8	3448 7430
	435523	membrane-spanning 4-domains, subfamil	y T62849	Hs.11090	7.8	3131 7147
10	431048	cell death-inducing DFFA-like effector	R50253	Hs.249129	7.8	2742 6835
10	409632 417689	serine (or cysteine) proteinase inhibit	W74001	Hs.55279	7.8	370 5067
	422148	KIAA0128 protein; septin 2 histidine-rich calcium-binding protein	AA828347 M60052	Hs.90998 Hs.1480	7.8 7.7	1148 5673 1651 1652 6048
	433447	neuronal pentraxin II	U29195	Hs.3281	7.7	2980 2981 7021
	423201	growth hormone receptor	NM_000163		7.7	1782 1783 6146
15	443071	complement component 1, q subcompone			7.7	3598 7566
	425071	deiodinase, iodothyronine, type II	NM_013989	Hs.1 54424	7.7	2043 2044 6330
	419407	hypothetical protein FLJ21276	AW410377	Hs.41502	7.7	1334 5817
	420212	calcium channel, voltage-dependent, L t			7.6	1432 1433 5892
20	439688 445033	hypothetical protein FLJ12921	AW445181 AV652402	Hs.209637 Hs.72901	7.6	3418 7401 3740 7685
20	454140	cyclin-dependent kinase inhibitor 2B (p hypothetical protein FLJ10474	AB040888	Hs.41793	7.6 7.6	4493 4494 8301
	414443	platelet-derived growth factor receptor	AU077268	Hs.76144	7.5	817 5421
	415702	gb:HSPD18414 HM3 Homo sapiens cDN/			7.5	942 5515
0.5	421335	ARS component B	X99977	Hs.103505	7.5	1529 1530 5964
25	417333	bromodomain and PHD finger containing,		Hs.173179	7.5	1096 5636
	439755	B7 homotog 3	AW748482	Hs.77873	7.5	3430 7413
	407604	collagen, type VIII, alpha 2	AW191962	Hs.353001	7.5	145 4891
	412140 412473	RAB6 interacting, kinesin-like (rabkine ESTs	AA219691 F23393	Hs.73625 Hs.153060	7.5 7.5	573 5223 594 5241
30	414386	haptoglobin	X00442	Hs.75990	7.5	810 811 5415
•	424734	ESTs	AI217685	Hs.96844	7.5	1992 6293
	409327	collagen, type IX, alpha 3	L41162	Hs.53563	7.5	341 342 5047
	413566	sprouty (Drosophila) homolog 4	AW604451	Hs.381153	7.5	730 5347
25	420202	putative lymphocyte G0/G1 switch gene	AL036557	Hs.95910	7.5	1430 5890
35	414821	Fc fragment of IgG, high affinity Ia, r	M63835	Hs.77424	7.5	876 877 5465
	418045 417849	ESTs nidogen 2	Al972919 AW291587	Hs.118837 Hs.82733	7.5 7.4	1183 5701 1161 5684
	444301	asporin (LRR class 1)	AK000136	Hs.10760	7.4 7.4	3691 3692 7647
	422627	transforming growth factor, beta-induce	BE336857	Hs.118787	7.4	1715 6097
40	406664	glycerol-3-phosphate dehydrogenase 1 (s		Hs.348601	7.4	83 84 4819
	417900	CDC20 (cell division cycle 20, S. cerev	BE250127	Hs.82906	7.4	1165 5688
	415655	ESTs	W05433	Hs.352293	7.4	932 5506
	403081	NM_003319*:Homo sapiens titin (TTN), m			7.4	4704
45	417045	Homo sapiens ORF1	F01180	Hs.332030	7.4	1066 5610
73	414002 413132	FBJ murine osteosarcoma viral oncogene protein kinase (cAMP-dependent, catalyt			7.4 7.3	763 764 5375 683 684 5314
	453392	SRY (sex determining region Y)-box 11	U23752	Hs.32964	7.3	4416 4417 8239
	438746	Human melanoma-associated antigen p9		Hs.184727	7.3	3353 7337
<b>5</b> 0	407228	hemoglobin, beta	M25079	Hs.155376	7.3	124 125 4876
50	409142	SMC4 (structural maintenance of chromos		Hs.50758	7.3	312 313 5027
	421458	carbohydrate (keratan sulfate Gal-6) su	NM_003654		7.3	1543 1544 5972
	411000 425234	ESTs, Weakly similar to S38383 SEB4B p		Hs.201619	7.3	505 5167
	423234	ESTs, Weakly similar to I38022 hypothet S100 calcium-binding protein A7 (psoria	AA586894	Hs.165909 Hs.112408	7.3 7.3	2070 6349 1654 6050
55	433122	ESTs -	AB019391	Hs.58049	7.3	2941 6991
	414085	aldehyde dehydrogenase 1 family, membe		Hs.75746	7.3	775 5384
	420376	protocadherin 18	AL137471	Hs.97266	7.3	1447 1448 5903
	443021	lg superfamily protein	AA368546	Hs.8904	7.3	3593 7561
60	400295	Al905687:IL-BT095-190199-019 BT095 H			7.3	6 4617
00	457411	iroquois-class homeobox protein IRX2	AW085961	Hs.130093	7.3	4549 8349
	439285 428981	hypothetical protein FLJ20093 ESTs, Weakly similar to ALU2_HUMAN A	AL133916	Hs.47860	7.3 7.2	3389 7372 2497 6660
	421155	lysyl oxidase	H87879	Hs.102267	7.2	1512 5950
	431553	cartilage linking protein 1	X78075	Hs.2799	7.2	2792 6874
65	414175	hypothetical protein DKFZp761D112	Al308876	Hs.103849	7.2	786 5394
	421143	immunoglobulin superfamily containing I	AB024536	Hs.102171	7.2	1510 1511 5949
	407619	collagen, type IX, alpha 2	AL050341	Hs.37165	7.2	146 147 4892
	412978 428824	homeo box C6 ESTs	AI431708	Hs.820	7.2	665 5298
70	420024	spondin 2, extracellular matrix protein	W23624 NM_012445	Hs.173059	7.2 7.2	2477 6645 1631 1632 6034
, 0	407788	S100 calcium-binding protein A2	BE514982	Hs.38991	7.2	161 4905
	447499	protocadherin beta 16	AW262580	Hs.147674	7.2	3934 7842
	417376	LIM protein (similar to rat protein kin	AA253314	Hs.154103	7.2	1107 5645
75	459702	gb:an03c03.x1 Stratagene schizo brain S			7.2	4596 8393
75	407172	gb:ya92c05.s1 Stratagene placenta (9372		Hs.379019	7.2	117 4869
	452701	glutamine-fructose-6-phosphate transami			7.1	4345 4346 8178
	426509 401203	pentaxin-related gene, rapidly induced Target Exon	M31166	Hs.2050	7.1 7.1	2243 2244 6468 4647
	438549	trinucleotide repeat containing 3	BE386801	Hs.21858	7.1 7.1	3331 7320
80	437898	ESTs	W81260	Hs.43410	7.1	3293 7286
	408988	Homo sapiens clone TUA8 Cri-du-chat reg		Hs.49476	7.1	289 5009
	430699	ESTs, Weakly similar to RET2_HUMAN R		7 Hs.292718		2723 6822
	452683			Hs.374574	7.1	4341 8175
85	425682	ribosomal protein L3-like	NM_005061		7.1	2122 2123 6385
32	409361 439979	sine oculis homeobox (Drosophila) homol hypothetical protein FLJ10430	AW600291	Hs.5 4416 Hs.6823	7.1 7.1	344 345 5049 3442 7424
	.555.5			. 13.0020	•••	ITET

	100101			11 070400	7.0	0054 0040
	432191	hypothetical protein, clone Telethon(It	AA043193	Hs.273186	7.0	2851 6916
	450098	hypothetical protein FLJ21080	W27249	Hs.8109	7.0	4134 8009
	419745	slug (chicken homolog), zinc finger pro	AF042001	Hs.93005	7.0	1381 1382 5851
	433001	clone HQ0310 PRO0310p1	AF217513	Hs.279905	7.0	2923 2924 6977
5						
,	437395	hypothetical protein DKFZp762M136	AL365408	Hs.351747	7.0	3258 3259 7254
	449969	Homo sapiens cDNA FLJ14337 fis, clone			7.0	4123 8001
	450447	hypothetical protein P15-2	AF212223	Hs.25010	7.0	4168 4169 8036
	412104	Homo sapiens, Similar to RIKEN cDNA 22	21 AW205197	Hs.240951	7.0	569 5220
	425154	collagen, type IX, alpha 1	NM_001851		7.0	2055 2056 6339
10	421579	stem cell growth factor; lymphocyte sec	NM_002975		7.0	1567 1568 5987
10						
	414359	cadherin 11, type 2, OB-cadherin (osteo	M62194	Hs.75929	7.0	808 5413
	418532	neurotrophic tyrosine kinase, receptor,	F00797	Hs.374321	7.0	1252 5753
	445417	a disintegrin-like and metalloprotease	AK001058	Hs.12680	6.9	3766 7705
	412577	CD163 antigen	Z22968	Hs.74076	6.9	608 609 5252
15	432239	matrix metalloproteinase 13 (collagenas	X81334	Hs.2936	6.9	2856 2857 6921
	409007	Homo sapiens mRNA; cDNA DKFZp4340				292 5012
	452392	comeodesmosin	L20815	Hs.507	6.9	4323 4324 8160
	437275	ESTs, Weakly similar to A47582 B-cell g	AW976035	Hs.292396	6.9	3251 7248
	414831	protein kinase, cAMP-dependent, regulat	M31158	Hs.77439	6.9	878 879 5466
20	419631	popeye protein 3	AW188117	Hs.356642	6.9	1365 5838
	447033	Predicted gene: Eos cloned; secreted w/		Hs.157601	6.9	3885 7802
	416431	titin	AW384459	Hs.172004	6.9	1003 5565
	426369	Kreisler (mouse) maf-related leucine zi	AF134157	Hs.169487	6.9	2213 2214 6448
0.5	417074	guanidinoacetate N-methyltransferase	Z49878	Hs.81131	6.9	1071 1072 5615
25	426310	neuropeptide Y receptor Y1	NM_000909	Hs.1 69266	6.9	2199 2200 6439
	439751	Homo sapiens mRNA full length insert cD		Hs.50794	6.9	3428 7411
	429441	lipophilin B (uteroglobin family member	AJ224172	Hs.204096	6.9	2560 2561 6708
	437191	serine protease inhibitor, Kazal type,	NM_006846		6.9	3241 3242 7239
20	417079	interfeukin 1 receptor antagonist	U65590	Hs.81134	6.9	1073 1074 5616
30	400419	Target	AF084545		6.8	22 23 4626
	414812	monokine induced by gamma interferon	X72755	Hs.77367	6.8	874 875 5464
	415657	ESTs	F32261	Hs.133004	6.8	934 5508
	409041	Hypothetical protein, XP_051860 (KIAA11		Hs.50081	6.8	299 300 5017
25	427747	serine/threonine kinase 12	AW411425	Hs.180655	6.8	2365 6557
35	442432	hypothetical protein FLJ23468	BE093589	Hs.38178	6.8	3563 7535
	453859	myogenic factor 6 (herculin)	NM_002469	Hs.3 5937	6.8	4451 4452 8267
	407711	KIAA1808 protein	AI085846	Hs.25522	6.8	151 4896
	450506	fibroblast activation protein, alpha	NM 004460		6.8	4170 4171 8037
	421307	Homo sapiens mRNA; cDNA DKFZp434B				1528 5963
40			AB040929			
70	433235	contactin 3 (plasmacytoma associated)		Hs.35089	6.8	2963 2964 7006
	452401	turnor necrosis factor, alpha-induced pr	NM_007115		6.8	4325 4326 8161
	449238	muscle-specific RING-finger protein 3	AA428229	Hs.331561	6.8	4075 7957
	449717	cerebral cell adhesion molecule	AB040935	Hs.23954	6.8	4110 4111 7989
	428722	tissue inhibitor of metalloproteinase 4	U76456	Hs.190787	6.8	2464 2465 6636
45	418506	Unknown protein for MGC:29643 (formerly		Hs.372651	6.8	1247 5748
. •	451497		H83294	Hs.284122	6.8	4235 8089
		Wnt inhibitory factor-1				
	410929	ESTs	H47233	Hs.30643	6.8	504 5166
	418728	ESTs	AW970937	Hs.293843	6.8	1271 5766
	451917	Homo sapiens unknown mRNA	AW391351	Hs.50820	6.8	4261 8108
50	450390	Human DNA sequence from clone RP11-	234G N93227	Hs.348805	6.8	4163 8031
	452363	Homo sapiens, Similar to complement cor		Hs.94953	6.7	4322 8159
	448719	trinucleotide repeat containing 3	AA033627	Hs.21858	6.7	4028 7920
	408486	sodium channel, voltage-gated, type IV,	L04236	Hs.46038	6.7	228 229 4960
<i>F F</i>	412755	ESTs, Weakly similar to P4HA_HUMAN P				637 5274
55	417944	collagen, type V, alpha 2	AU077196	Hs.82985	6.7	1172 5693
	422386	heparan sulfate (glucosamine) 3-0-sulfo	AF105374	Hs.115830	6.7	1676 1677 6067
	415656	ESTs	W84346	Hs.84673	6.7	933 5507
	424162	ESTs, Weakly similar to ALU2_HUMAN A			6.7	1907 6235
				7 113.33 133		
60	403087	NM_003319*:Homo sapiens titin (TTN), m			6.7	4706
UU	424420	prostaglandin E synthase	BE614743	Hs.146688	6.7	1949 6264
	408204	protein tyrosine phosphatase type IVA,	AA454501	Hs.43666	6.7	203 4943
	407792	putative secreted ligand homologous to	AI077715	Hs.39384	6.7	162 4906
	425247	matrix metalloproteinase 11 (stromelysi	NM_005940		6.7	2072 2073 6351
	406837	immunoglobulin kappa constant	R70292	Hs.156110	6.7	69 4836
65	448520	doublecortin and CaM kinase-like 1	AB002367	Hs.21355	6.7	4010 4011 7907
05						
	409698	short stature homeobox 2	AF022654	Hs.55967	6.7	378 379 5074
	433839	ESTs, Weakly similar to ALU1_HUMAN A	LU F35430	Hs.146070	6.7	3008 7043
	437220	GS1999full	AL117542	Hs.334305	6.7	3247 7244
	414716	Kv channel-interacting protein 2	AF199598	Hs.97044	6.6	856 857 5451
70	422667	ESTs	H25642	Hs.132821	6.6	1723 6102
	433138	semaphorin sem2	AB029496	Hs.59729	6.6	2944 2945 6994
	407824	Homo sapiens cDNA FLJ14388 fis, clone		Hs.9812	6.6	166 4910
	442573	branched chain aminotransferase 1, cyto		Hs.7567	6.6	3570 7541
7.	411396	ESTs	C04646	Hs.85428	6.6	533 5191
75	406519	C10001858:gi 6679124 ref NP_032759.1	n		6.6	4808
	410361	guanylate binding protein 1, interferon	BE391804	Hs.62661	6.6	456 5132
	446051	ephrin-A3	BE048061	Hs.37054	6.6	3816 7744
	452223	hypothetical protein MGC2827				
			AA425467	Hs.8035	6.6	4302 8142
90	429609	cell adhesion molecule with homology to		Hs.210863	6.6	2584 2585 6725
80	431183	KDEL (Lys-Asp-Glu-Leu) endoplasmic reti		Hs.250696	6.6	2756 2757 6845
	418478	cyclin-dependent kinase inhibitor 2A (m	U38945	Hs.1174	6.6	1245 1246 5747
	410470		OC105290	Hs.1076	6.6	1104 5642
	417366	small proline-rich protein 1B (comifin	BE185289			
	417366					
	417366 420981	peroxisome proliferative activated rece	L40904	Hs.100724	6.6	1495 1496 5936
85	417366 420981 432131	peroxisome proliferative activated rece muscle disease-related protein	L40904 AB033021	Hs.100724 Hs.272564	6.6 6.6	1495 1496 5936 2843 2844 6911
85	417366 420981 432131 444371	peroxisome proliferative activated rece muscle disease-related protein forkhead box M1	L40904 AB033021 BE540274	Hs.100724 Hs.272564 Hs.239	6.6 6.6 6.5	1495 1496 5936 2843 2844 6911 3696 7651
85	417366 420981 432131	peroxisome proliferative activated rece muscle disease-related protein	L40904 AB033021	Hs.100724 Hs.272564 Hs.239	6.6 6.6	1495 1496 5936 2843 2844 6911

	409012	DKFZP434I216 protein	AL117435	Hs.49725	6.5	293 294 5013
	417027	triadin	AA192306	Hs.23926	6.5	1062 5607
	426363	transforming growth factor, beta 3	M58524	Hs.2025	6.5	2210 2211 6446
_	451766	ephrin-B3	NM_001406	HS.2 6988	6.5	4255 4256 8104
5	402621	Target Exon			6.5	4684
	410270	tumor endothelial marker 1 precursor	AF279142	Hs.195727	6.5	442 443 5121
	453041	Homo sapiens cDNA FLJ11918 fis, clone	H AI680737	Hs.289068	6.5	4384 8211
	452063	ESTs, Weakly similar to TWST_HUMAN		Hs.32366	6.5	4281 8124
	425308					
10		receptor tyrosine kinase-like orphan re	M97639	Hs.155585	6.5	2087 2088 6362
10	438915	Williams-Beuren syndrome chromosome			6.5	3365 7348
	414315	gb:HSB65D052 STRATAGENE Human s	keletal Z2487	В	6.5	803 5409
	419833	Homo sapiens tryptophanyl-tRNA synthet	a AA251131	Hs.220697	6.5	1388 5856
	406646	major histocompatibility complex, class	M33600	Hs.375570	6.5	36 37 4816
	446142	ESTs	AI754693	Hs.145968	6.5	3820 7748
15						
13	410611	KIAA1628 protein	AW954134	Hs.20924	6.5	480 5148
	431103	pleiotrophin (heparin binding growth fa	M57399	Hs.44	6.5	2748 2749 6840
	441636	Homo sapiens mRNA; cDNA DKFZp566E	183 (f AA0818	346 Hs.7921	6.5	3530 7502
	409731	thymosin, beta, identified in neuroblas	AA125985	Hs.56145	6.4	386 5080
	443184	ESTs	AI638728	Hs.135159	6.4	3607 7574
20	456508					
20		ESTs, Weakly similar to AF208855 1 BM-		Hs.123469	6.4	4521 8325
	423563	protein kinase (cAMP-dependent, catalyt		Hs.75209	6.4	1817 6171
	416391	mesoderm specific transcript (mouse) ho	AI878927	Hs.79284	6.4	999 5562
	440650	Human DNA sequence from PAC 75N13	on ch R44692	Hs.326801	6.4	3477 7455
	407826	calpain 3, (p94)	AA128423	Hs.40300	6.4	167 4911
25	424634	cartilage intermediate layer protein, n	NM_003613		6.4	1981 1982 6285
	432408					
		ESTs, Weakly similar to A46010 X-linked		Hs.356235	6.4	2872 6934
	436608	down syndrome critical region protein D	AA628980	Hs.192371	6.4	3205 7207
	429415	procollagen C-endopeptidase enhancer	NM_002593	Hs.2 02097	6.4	2557 2558 6706
	429294	Homo sapiens cDNA: FLJ22463 fis, clone	AA095971	Hs.198793	6.4	2540 6693
30	406387	Target Exon			6.4	4805
	427337	Fc fragment of IgG, low affinity IIIb,	Z46223	Hs.176663	6.4	2318 2319 6521
	431866	angiopoietin-like 2	NM 012098			
		• 1	_	HS.0 023	6.4	2830 2831 6902
	418059	gb:zn56d05.s1 Stratagene muscle 937209			6.4	1186 5703
25	421778	actin related protein 2/3 complex, subu	AA428000	Hs.283072	6.4	1591 6003
35	432731	fibronectin 1	R31178	Hs.287820	6.4	2904 6961
	448390	hypothetical protein	AL035414	Hs.21068	6.4	3999 7897
	434149	hypothetical protein MGC5469	Z43829	Hs.244624	6.4	3030 7063
	431457					
		integrin, alpha 11	NM_012211		6.4	2787 2788 6870
40	444006	type I transmembrane protein Fn14	BE395085	Hs.334762	6.3	3668 7627
40	447414	neuroblastoma (nerve tissue) protein	D82343	Hs.74376	6.3	3924 3925 7834
	410234	fructose-1,6-bisphosphatase 2	NM_003837	Hs.6 1255	6.3	435 436 5116
	418986	ESTs	AI123555	Hs.293821	6.3	1288 5779
	418883	acid phosphatase 5, tartrate resistant	BE387036	Hs.1211	6.3	1281 5774
45	451934	ESTs	AI540842	Hs.61082	6.3	4262 8109
43	429451	heme oxygenase (decycling) 1	BE409861	Hs.202833	6.3	2562 6709
	422106	Fc fragment of IgG binding protein	D84239	Hs.111732	6.3	1646 1647 6044
	420576	KIAA1858 protein	AA297634	Hs.54925	6.3	1463 5914
	435793	KIAA1313 protein	AB037734	Hs.4993	6.3	3152 3153 7162
	409882	heat shock 27kD protein family, member	AJ243191	Hs.56874	6.3	395 396 5087
50						
30	445107	ESTs, Weakly similar to 138022 hypothet		Hs.147313	6.3	3744 7689
	417675	similar to murine leucine-rich repeat p	AI808607	Hs.3781	6.3	1144 5670
	435406	calcium/calmodulin-dependent protein ki	F26698	Hs.4884	6.3	3124 7140
	415885	KIAA0161 gene product	D79983	Hs.78894	6.3	953 954 5524
	406925	glycerol-3-phosphate dehydrogenase 1 (s		Hs.348601	6.3	83 84 4845
55	433577	ESTs	AW007080	Hs.284192	6.3	2989 7028
55						
	422746	glypican 3	NM_004484		6.3	1732 1733 6109
	453575	peptidyl arginine deiminase, type II	AB023211	Hs.33455	6.3	4425 4426 8246
	448030	membrane-spanning 4-domains, subfamil	y N30714	Hs.325960	6.3	3971 7873
	426935	collagen, type I, alpha 1	NM_000088	Hs.1 72928	6.3	2288 2289 6498
60	430643	MEGF10 protein	AW970065	Hs.287425	6.3	2717 6817
	408562	roundabout (axon guidance receptor, Dro		Hs.31141	6.3	240 4971
	420005	ESTs	AW271106	Hs.133294	6.3	1407 5871
	429930	ESTs	AI580809	Hs.352364	6.3	2623 6751
	451811	hypothetical protein MGC1136	AA663485	Hs.8719	6.3	4259 8106
65	453514	ESTs	AA036675	Hs.50918	6.3	4424 8245
	416208	ESTs, Weakly similar to MUC2_HUMAN N				981 5548
	441188	ESTs	AW292830	Hs.255609	6.2	3503 7478
	440274	scrapie responsive protein 1	R24595			
				Hs.7122	6.2	3464 7443
70	410889	twist (Drosophila) homolog (acrocephalo	X91662	Hs.66744	6.2	501 502 5164
70	447733	MAD2 (mitotic arrest deficient, yeast,	AF157482	Hs.19400	6.2	3955 3956 7860
	419290	spinal cord-derived growth factor-B	Al128114	Hs.112885	6.2	1327 5810
	408212	hypothetical protein	AA297567	Hs.43728	6.2	206 4945
	424481	proteolipid protein 1 (Pelizaeus-Merzba	R19453	Hs.1787	6.2	1960 6272
	434096	pleiomorphic adenoma gene-like 1	AW662958	Hs.75825		
75					6.2	3029 7062
15	413031	phosphofructokinase, muscle	BE515051	Hs.75160	6.2	671 5304
	453880		AI803166	Hs.135121	6.2	4458 8272
	424870	ESTs	T15545	Hs.244624	6.2	2014 6308
	418203	CDC28 protein kinase 2	X54942	Hs.83758	6.2	1202 1203 5719
	457211	ESTs, Weakly similar to S51797 vasodita		Hs.32399	6.2	4543 8344
80	417068	hypothetical protein MGC3169	AA451910	Hs.85852	6.2	
55						1069 5613
	412471	endothelial cell growth factor 1 (plate	M63193	Hs.73946	6.2	591 592 5239
	436252	Homo sapiens cDNA FLJ11562 fis, clone	H AI539519	Hs.142827	6.2	3179 7184
	443907	TYRO protein tyrosine kinase binding pr	AU076484	Hs.9963	6.2	3656 7617
	424455	calcium channel, voltage-dependent, gam		Hs.147989	6.2	1957 6270
		,				
85	414555	phospholipase A2, group IIA (platelets	N98569	MS./b4//	b.2	830 5431
85	414555 429299	phospholipase A2, group IIA (platelets, hypothetical protein MGC13102	N98569 AI620463	Hs.76422 Hs.347408	6.2 6.2	830 5431 2541 6694

	410102	ESTs; homologue of PEM-3 [Ciona savigation of PEM-3]			6.2	422 5107
	425256	collapsin response mediator protein 1	BE297611	Hs.155392	6.2	2074 6352
	416322	pyrroline-5-carboxylate reductase 1	BE019494	Hs.79217	6.2	989 5554
	428450	KIAA0175 gene product	NM_014791		6.2	2443 2444 6621
5	448731	ESTs	AI522273	Hs.173179	6.2	4030 7922
•	452046	KIAA0802 protein	AB018345	Hs.27657	6.2	4275 4276 8120
	411411	ESTs, Weakly similar to KIAA1330 protei		Hs.55950	6.2	537 5194
	410295					
		nidogen (enactin)	AA741357	Hs.356624	6.2	450 5127
10	424825	procollagen-lysine, 2-oxoglutarate 5-di	AF207069	Hs.153357	6.1	2005 2006 6302
10	430250	chloride intracellular channel 5	NM_016929		6.1	2666 2667 6783
	407811	cysteine knot superfamily 1, BMP antago	AW190902	Hs.40098	6.1	164 4908
	458079	Homo sapiens similar to RIKEN cDNA 28	10 AI796870	Hs.381220	6.1	4566 8363
	401797	Target Exon			6.1	4663
	411962	gb:zk85d12.r1 Soares_pregnant_uterus_	Nb AA099050		6.1	563 5215
15	443780	activating transcription factor 5	NM_012068	Hs.9 754	6.1	3643 3644 7606
	417930	Homo sapiens mRNA for KIAA1870 prote		Hs.334604	6.1	1169 5691
	419987	osteomodulin	NM_005014		6.1	1402 1403 5868
	413945	CD14 antigen	NM_000591		6.1	758 759 5371
	450785	Homo sapiens, alpha-1 (VI) collagen	AA852713	Hs.108885	6.1	4193 8056
20						
20	444784	ectonucleotide pyrophosphatase/phospho		Hs.11951	6.1	3724 3725 7673
	432842	hypothetical protein MGC4485	AW674093	Hs.334822	6.1	2911 6966
	452281	Homo sapiens cDNA FLJ11041 fis, clone		Hs.28792	6.1	4309 8149
	443883	serine (or cysteine) proteinase inhibit	AA114212	Hs.9930	6.1	3653 7614
25	433075	sortilin 1	NM_002959	Hs.3 51872	6.1	2936 2937 6987
25	440704	insulin-like growth factor binding prot	M69241	Hs.162	6.0	3482 3483 7459
	414312	ESTs	AA155694	Hs.191060	6.0	800 5407
	421913	osteoglycin (osteoinductive factor, mim	AI934365	Hs.109439	6.0	1611 6020
	413278	interferon-stimulated protein, 15 kDa	BE563085	Hs.833	6.0	695 5322
	414657	protein phosphatase 1, regulatory (inhi	AA424074	Hs.76780	6.0	843 5442
30	448595	KIAA0644 gene product	AB014544	Hs.21572	6.0	4015 4016 7910
	418067	cystatin E/M	Al127958	Hs.83393	6.0	1189 5706
	444931	general transcription factor IIIA	AV652066	Hs.75113	6.0	3735 7681
	443105	chondroitin sulfate proteoglycan 4 (mel	X96753	Hs.9004	6.0	3600 3601 7568
			AL133561			2695 2696 6803
35	430439	DKFZP434B061 protein		Hs.380155	6.0	
33	412006	ESTs	AW451618	Hs.380683	6.0	565 5217
	452106	ESTs	AI141031	Hs.21342	6.0	4289 8131
	416072	growth associated protein 43	AL110370	Hs.79000	6.0	969 5537
	441327	hypothetical protein FLJ10751	AK001706	Hs.7778	6.0	3509 3510 7484
40	406663	immunoglobulin heavy constant mu	U24683	07.11.50704	6.0	39 40 4818
40	439706	ESTs, Weakly similar to DAP1_HUMAN E				3421 7404
	416433	ESTs	Al658904	Hs.84673	6.0	1004 5566
	423225	Thy-1 cell surface antigen	AA852604	Hs.125359	6.0	1786 6148
	421487	serine/threonine kinase 23	AF027406	Hs.104865	6.0	1548 1549 5975
45	429903	cyclin-dependent kinase 5, regulatory s	AL134197	Hs.93597	6.0	2616 6746
45	407896	Zic family member 1 (odd-paired Drosoph	D76435	Hs.41154	6.0	176 177 4919
	403903	C5001632*:gi 10645308 gb AAG21430.1	AC0		6.0	4731
	425398	hypothetical protein similar to tenasci	AL049689	Hs.156369	6.0	2101 2102 6370
	420059	RAB23, member RAS oncogene family	AF161486	Hs.94769	6.0	1412 1413 5875
	413436	sphingosine kinase 1	AF238083	Hs.68061	6.0	721 722 5339
50	418299	integrin, beta 2 (antigen CD18 (p95), I	AA279530	Hs.83968	6.0	1212 5725
	427239	ubiquitin carrier protein	BE270447	Hs.356512	6.0	2311 6515
	428248	ESTs	Al126772	Hs.40479	6.0	2414 6596
	403086	NM_003319*:Homo sapiens titin (TTN), m			5.9	4705
	425280	phosphoenolpyruvate carboxykinase 1 (so		Hs.1872	5.9	2080 2081 6357
55	449378	ESTs	AW664026	Hs.59892	5.9	4085 7967
	417114	ESTs	AA193472	Hs.20007	5.9	1080 5621
	419968	interleukin 6 (interferon, beta 2)	X04430	Hs.93913	5.9	1399 1400 5866
	408491	ESTs	AI088063			230 4961
				Hs.7882	5.9	
60	452291	CDC7 (cell division cycle 7, S. cerevis	AF015592	Hs.28853	5.9	4310 4311 8150
00	436748	collagen, type VI, alpha 2	BE159107	Hs.159263	5.9	3212 7213
	426928	retinol dehydrogenase 5 (11-cis and 9-c	AF037062	Hs.172914	5.9	2285 2286 6496
	402992	Target Exon	D 41700/00	11- 040000	5.9	4700
	428342	Homo sapiens cDNA FLJ13458 fis, clone		Hs.349283	5.9	2432 6611
C =	410628	ESTs, Moderately similar to similar to	AI131408	Hs.68756	5.9	483 5151
65	451195	mesenchyme homeo box 1	U10492	Hs.438	5.9	4218 4219 8077
	437446	ESTs, Moderately similar to CA1C RAT C	O AA788946	Hs.101302	5.9	3264 7259
	424001	paternally expressed 10	W67883	Hs.137476	5.9	1882 6217
	417632	glycoprotein M68	R20855	Hs.379090	5.9	1141 5667
	430171	skin-specific protein	AF086289	Hs.234766	5.9	2657 6776
70	419682		H13139		5.9	1368 5841
	41300Z	Daned-like Homeodomain transcribilori		Hs.92282		
		paired-like homeodomain transcription f		Hs.92282 Hs 118407		
	422567	glypican 6	AF111178	Hs.118407	5.9	1702 1703 6087
	422567 409430	glypican 6 splicing factor, arginine/serine-rich 5	AF111178 R21945	Hs.118407 Hs.346735	5.9 5.9	1702 1703 6087 348 5052
	422567 409430 453271	glypican 6 splicing factor, arginine/serine-rich 5 ESTs	AF111178 R21945 AA903424	Hs.118407 Hs.346735 Hs.6786	5.9 5.9 5.8	1702 1703 6087 348 5052 4409 8232
75	422567 409430 453271 429207	glypican 6 splicing factor, arginine/serine-rich 5 ESTs ESTs	AF111178 R21945 AA903424 AA447941	Hs.118407 Hs.346735 Hs.6786 Hs.123423	5.9 5.9 5.8 5.8	1702 1703 6087 348 5052 4409 8232 2532 6686
75	422567 409430 453271 429207 442295	glypican 6 splicing factor, arginine/serine-rich 5 ESTs ESTs Homo sapiens cDNA FLJ11469 fis, clone	AF111178 R21945 AA903424 AA447941 H Al827248	Hs.118407 Hs.346735 Hs.6786 Hs.123423 Hs.224398	5.9 5.9 5.8 5.8 5.8	1702 1703 6087 348 5052 4409 8232 2532 6686 3555 7527
75	422567 409430 453271 429207 442295 424440	glypican 6 splicing factor, arginine/serine-rich 5 ESTs ESTs Homo sapiens cDNA FLJ11469 fis, clone ESTs	AF111178 R21945 AA903424 AA447941 H AI827248 AA340743	Hs.118407 Hs.346735 Hs.6786 Hs.123423 Hs.224398 Hs.133208	5.9 5.9 5.8 5.8 5.8 5.8	1702 1703 6087 348 5052 4409 8232 2532 6686 3555 7527 1951 6266
75	422567 409430 453271 429207 442295 424440 413795	glypican 6 splicing factor, arginine/serine-rich 5 ESTs ESTs Homo sapiens cDNA FLJ11469 fis, clone ESTs ESTs	AF111178 R21945 AA903424 AA447941 H A1827248 AA340743 AL040178	Hs.118407 Hs.346735 Hs.6786 Hs.123423 Hs.224398 Hs.133208 Hs.142003	5.9 5.8 5.8 5.8 5.8 5.8 5.8	1702 1703 6087 348 5052 4409 8232 2532 6686 3555 7527 1951 6266 743 5358
75	422567 409430 453271 429207 442295 424440 413795 424806	glypican 6 splicing factor, arginine/serine-rich 5 ESTs ESTs Homo sapiens cDNA FLJ11469 fis, clone ESTs ESTs MSTP031 protein	AF111178 R21945 AA903424 AA447941 H AI827248 AA340743	Hs.118407 Hs.346735 Hs.6786 Hs.123423 Hs.224398 Hs.133208	5.9 5.8 5.8 5.8 5.8 5.8 5.8 5.8	1702 1703 6087 348 5052 4409 8232 2532 6686 3555 7527 1951 6266 743 5358 2004 6301
	422567 409430 453271 429207 442295 424440 413795 424806 401771	glypican 6 splicing factor, arginine/serine-rich 5 ESTS ESTS Homo sapiens cDNA FLJ11469 fis, clone ESTS ESTS MSTP031 protein Target Exon	AF111178 R21945 AA903424 AA447941 H A1827248 AA340743 AL040178 AA382523	Hs.118407 Hs.346735 Hs.6786 Hs.123423 Hs.224398 Hs.133208 Hs.142003 Hs.105689	5.9 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	1702 1703 6087 348 5052 4409 8232 2532 6686 3555 7527 1951 6266 743 5358 2004 6301 4660
75 80	422567 409430 453271 429207 442295 424440 413795 424806 401771 450421	glypican 6 splicing factor, arginine/serine-rich 5 ESTs ESTs Homo sapiens cDNA FLJ11469 fis, clone ESTs ESTs MSTP031 protein Target Exon ADP-ribosyltransferase 3	AF111178 R21945 AA903424 AA447941 H AI827248 AA340743 AL040178 AA382523 C03188	Hs.118407 Hs.346735 Hs.6786 Hs.123423 Hs.224398 Hs.133208 Hs.142003 Hs.105689	5.9 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	1702 1703 6087 348 5052 4409 8232 2532 6686 3555 7527 1951 6266 743 5358 2004 6301 4660 4166 8034
	422567 409430 453271 429207 442295 424440 413795 424806 401771 450421 426457	glypican 6 splicing factor, arginine/serine-rich 5 ESTs ESTs ESTs Homo sapiens cDNA FLJ11469 fis, clone ESTs ESTs MSTP031 protein Target Exon ADP-ribosyltransferase 3 chimerin (chimaerin) 1	AF111178 R21945 AA903424 AA447941 H AI827248 AA340743 AL040178 AA382523 C03188 AW894667	Hs.118407 Hs.346735 Hs.6786 Hs.123423 Hs.224398 Hs.133208 Hs.142003 Hs.105689 Hs.24976 Hs.380138	5.9 5.9 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	1702 1703 6087 348 5052 4409 8232 2532 6686 3555 7527 1951 6266 743 5358 2004 6301 4660 4166 8034 2229 6459
	422567 409430 453271 429207 442295 424440 413795 424806 401771 450421 450421 426457 429670	glypican 6 splicing factor, arginine/serine-rich 5 ESTs ESTs Homo sapiens cDNA FLJ11469 fis, clone ESTs ESTs MSTP031 protein Target Exon ADP-ribosyltransferase 3 chimerin (chimaerin) 1 protein kinase C, theta	AF111178 R21945 AA903424 AA447941 H A1827248 AA340743 AL040178 AA382523 C03188 AW894667 L01087	Hs.118407 Hs.346735 Hs.6786 Hs.123423 Hs.224398 Hs.133208 Hs.142003 Hs.105689	5.9 5.9 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	1702 1703 6087 348 5052 4409 8232 2532 6686 3555 7527 1951 6266 743 5358 2004 6301 4660 4166 8034 2229 6459 2602 2603 6735
	422567 409430 453271 429207 442295 424440 413795 424806 401771 450421 426457 429670 456034	glypican 6 splicing factor, arginine/serine-rich 5 ESTs ESTs ESTs Homo sapiens cDNA FLJ11469 fis, clone ESTs ESTs MSTP031 protein Target Exon ADP-ribosyltransferase 3 chimerin (chimaerin) 1 protein kinase C, theta gb:UI-H-BI3-ala-a-12-0-UI.s1 NCI_CGAP	AF111178 R21945 AA903424 AA447941 H AI827248 AA340743 AL040178 AA382523 C03188 AW894667 L01087 S AW450979	Hs.118407 Hs.346735 Hs.6786 Hs.123423 Hs.123423 Hs.1234203 Hs.142003 Hs.105689 Hs.24976 Hs.24976 Hs.280138 Hs.211593	5.9 5.9 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	1702 1703 6087 348 5052 4409 8232 2532 6686 3555 7527 1951 6266 743 5358 2004 6301 4660 4166 8034 2229 6459 2602 2603 6735 4510 8316
80	422567 409430 453271 429207 442295 424440 413795 424806 401771 450421 426457 429670 456034 421485	glypican 6 splicing factor, arginine/serine-rich 5 ESTs ESTs ESTs Homo sapiens cDNA FLJ11469 fis, clone ESTs ESTs MSTP031 protein Target Exon ADP-ribosyltransferase 3 chimerin (chimaerin) 1 protein kinase C, theta gb:UI-H-BI3-ala-a-12-0-UI.s1 NCI_CGAP hypothetical protein FLJ10134	AF111178 R21945 AA903424 AA447941 H AI827248 AA340743 AL040178 AA382523 C03188 AW894667 L01087 S AW450979 AA243499	Hs.118407 Hs.346735 Hs.6786 Hs.123423 Hs.123423 Hs.133208 Hs.142003 Hs.105689 Hs.24976 Hs.380138 Hs.211593 Hs.104800	5.9 5.9 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	1702 1703 6087 348 5052 4409 8232 2532 6686 3555 7527 1951 6266 743 5358 2004 6301 4660 4166 8034 2229 6459 2602 2603 6735 4510 8316 1547 5974
	422567 409430 453271 429207 442295 424440 413795 424806 401771 450421 426457 429670 456034 421485 447217	glypican 6 splicing factor, arginine/serine-rich 5 ESTs ESTs Homo sapiens cDNA FLJ11469 fis, clone ESTs ESTs MSTP031 protein Target Exon ADP-ribosyltransferase 3 chimerin (chimaerin) 1 protein kinase C, theta gb:UI-H-BI3-ala-a-12-0-UI.s1 NCI_CGAP_hypothetical protein FLJ10134 neuropilin 2	AF111178 R21945 AA903424 AA447941 H AI827248 AA340743 AL040178 AA382523 C03188 AW894667 L01087 S AW450979 AA243499 BE465754	Hs.118407 Hs.346735 Hs.6786 Hs.123423 Hs.123423 Hs.13208 Hs.142003 Hs.105689 Hs.24976 Hs.380138 Hs.211593 Hs.104800 Hs.17778	5.9 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	1702 1703 6087 348 5052 4409 8232 2532 6686 3555 7527 1951 6266 743 5358 2004 6301 4660 4166 8034 2229 6459 2602 2603 6735 4510 8316 1547 5974 3904 7819
80	422567 409430 453271 429207 442295 424440 413795 424806 401771 450421 426457 429670 456034 421485	glypican 6 splicing factor, arginine/serine-rich 5 ESTs ESTs ESTs Homo sapiens cDNA FLJ11469 fis, clone ESTs ESTs MSTP031 protein Target Exon ADP-ribosyltransferase 3 chimerin (chimaerin) 1 protein kinase C, theta gb:UI-H-BI3-ala-a-12-0-UI.s1 NCI_CGAP hypothetical protein FLJ10134	AF111178 R21945 AA903424 AA447941 H AI827248 AA340743 AL040178 AA382523 C03188 AW894667 L01087 S AW450979 AA243499	Hs.118407 Hs.346735 Hs.6786 Hs.123423 Hs.123423 Hs.133208 Hs.142003 Hs.105689 Hs.24976 Hs.380138 Hs.211593 Hs.104800	5.9 5.9 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	1702 1703 6087 348 5052 4409 8232 2532 6686 3555 7527 1951 6266 743 5358 2004 6301 4660 4166 8034 2229 6459 2602 2603 6735 4510 8316 1547 5974

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	444143	ESTs, Moderately similar to A56194 thro	AW747996	Hs.160999	5.8	3679 7637
	447770	frizzled (Drosophila) homolog 4	AB032417	Hs.19545	5.8	3961 3962 7864
	427418	LAT1-3TM protein	AA402587	Hs.356667	5.7	2327 6527
_	439039	ESTs	AI656707	Hs.48713	5.7	3373 7356
5	416908	coagulation factor XIII, A1 polypeptide	AA333990	Hs.80424	5.7	1044 5594
•	427474	aggrecan 1 (chondroitin sulfate proteog	U13192	Hs.2159	5.7	2334 6532
	414285	ESTs	AA312914	Hs.71719	5.7	798 5405
	406868	immunoglobulin heavy constant gamma 3		Hs.300697	5.7	72 4839
10	423858	Homo sapiens mRNA; cDNA DKFZp434E				1858 6201
10	414142	hemicentin (fibulin 6)	AW368397	Hs.334485	5.7	781 5390
	438704	ESTs	AI435060	Hs.6705	5.7	3349 7334
	432693	ESTs	AW449630	Hs.293790	5.7	2900 6958
	456534	phospholipase C, beta 3, neighbor pseud		Hs.100623	5.7	4522 8326
1 -	440594	ESTs	AW445167	Hs.126036	5.7	3475 7453
15	409125	axonal transport of synaptic vesicles	R17268	Hs.343567	5.7	308 5024
	410867	fibrillin 1 (Marfan syndrome)	X63556	Hs.750	5.7	498 499 5162
	452360	ESTs	AI742082	Hs.98539	5.7	4321 8158
	406714	hemoglobin, gamma G	AI219304	Hs.266959	5.7	63 4830
	426968	amphiphysin (Stiff-Mann syndrome with b		Hs.173034	5.7 ·	2290 2291 6499
20	439551	ESTs	W72062	Hs.11112	5.7	3406 7389
	439668	frizzled (Drosophila) homolog 8	AI091277	Hs.302634	5.7	3414 7397
	403074	NM_003319*:Homo sapiens titin (TTN), m		110.002004	5.7	4703
	453596	hypothetical protein FLJ14834	AA441838	Hs.62905	5.7	4428 8248
25	444367	hypothetical protein FLJ22390	H54892	Hs.10974	5.7 .	3695 7650
23	422491	neuronatin	AA338548	Hs.117546	5.7	1691 6077
	418283	cathepsin K (pycnodysostosis)	S79895	Hs.83942	5.7	1210 1211 5724
	417605	regulator of G-protein signalling 3	AF006609	Hs.82294	5.7	1138 1139 5665
	404030	NM_015669*:Homo sapiens protocadheri			5.7	4735
20	433124	hypothetical protein SMAP31	U51712	Hs.13775	5.7	2942 6992
30	409553	semaphorin Y	AF055020	Hs.54937	5.7	359 360 5060
	419693	FXYD domain-containing ion transport re	AA133749	Hs.301350	5.7	1371 5844
	408829	heparan sulfate (glucosamine) 3-O-sulfo	NM_006042	Hs.4 8384	5.7	264 265 4991
	420486	caveolin 3	AF036365	Hs.98303	5.7	1456 1457 5909
	428418	ESTs	AI368826	Hs.8768	5.7	2441 6619
35	425240	phosphoglucomutase 1	AA306495	Hs.1869	5.6	2071 6350
	452242	gycosyltransferase	R50956	Hs.159993	5.6	4305 8145
	410132	Microfibril-associated glycoprotein-2	NM_003480	Hs.3 00946	5.6	425 426 5110
	421848	collagen, type VI, alpha 1	X15880	Hs.108885	5.6	1602 1603 6013
	425157	phospholipid transfer protein	NM_006227	Hs.2 83007	5.6	2057 2058 6340
40	448672	ESTs	AI955511	Hs.89582	5.6	4025 7917
	419405	ESTs	Al377043	Hs.42189	5.6	1333 5816
	439737	Homo sapiens mRNA full length insert cD	AI751438	Hs.41271	5.6	3427 7410
	427452	protein phosphatase	NM_016364	Hs.1 78170	5.6	2330 2331 6529
	433635	hypothetical protein MGC12921	AI074502	Hs.134292	5.6	2994 7032
45	417511	chordin-like	AL049176	Hs.82223	5.6	1125 1126 5657
	415701	gamma-glutamyl hydrolase (conjugase, fo			5.6	940 941 5514
	438866	tissue inhibitor of metalloproteinase 2	U44385	Hs.6441	5.6 .	3360 3361 7344
	453341	adenylyl cyclase-associated protein 2	AI758912	Hs.296341	5.6	4414 8237
	418867	msh (Drosophila) homeo box homolog 2	D31771	Hs.89404	5.6	1277 1278 5772
50	421948	keratin 6A	L42583	Hs.334309	5.6	1618 1619 6025
	435080	hypothetical protein FLJ14428	AI831760	Hs.155111	5.6	3103 7122
	412430	fumarylacetoacetate hydrolase (fumaryla		Hs.73875	5.6	584 5233
	427019	hypothetical protein FLJ10970	AA001732	Hs.173233	5.6	2296 6504
	449318	Homo sapiens, Similar to RIKEN cDNA 57				
55					5.6	4080 7962
55	431347 414020	insulin-like growth factor 2 (somatomed	AI133461	Hs.251664	5.6	2774 6859
		small inducible cytokine A4 (homologous			5.5	767 768 5378
	427527	immunoglobulin heavy constant mu	AI809057	Hs.153261	5.5	2340 6536
	410036	calsequestrin 2 (cardiac muscle)	R57171	Hs.57975	5.5	412 5100
60	435520	HNOEL-iso protein	AA297990	Hs.9315	5.5	3130 7146
60	409893	minichromosome maintenance deficient (			5.5	397 5088
	426485	platelet-derived growth factor receptor	NM_006207		5.5	2238 2239 6465
	418322	cyclin-dependent kinase inhibitor 3 (CD	AA284166	Hs.84113	5.5	1214 5727
	413670	hypothetical protein, expressed in oste	AB000115	Hs.75470	5.5	735 736 5352
65	405681	C3000593*:gi]10120319[emb]CAC08185.			5.5	4793
65	421362	hypothetical protein FLJ20043	AK000050	Hs.103853	5.5	1531 1532 5965
	424125	inhibin, beta B (activin AB beta polype	M31669	Hs.1735	5.5	1900 1901 6230
	453830	ESTs	AA534296	Hs.20953	5.5	4445 8263
	403857	Target Exon			5.5	4730
70	431706	adenylyl cyclase-associated protein 2	AI816086	Hs.296341	5.5	2811 6887
70	430044	ESTs	AA464510	Hs.152812	5.5	2642 6765
	441611	ESTs	AW590829	Hs.133463	5.5	3528 7500
	453828	ESTs	AW970960	Hs.293821	5.5	4444 8262
	413435	carboxypeptidase E	X51405	Hs.75360	5.5	719 720 5338
75	411358	KIAA1691 protein	R47479	Hs.94761	5.5	527 5186
75	419621	Homo sapiens clone B18 unknown mRNA			5.5	1361 5835
	416491	parathyroid hormone receptor 1	U17418	Hs.1019	5.5	1005 1006 5567
	400297	hypothetical protein DKFZp564O1278	AI127076	Hs.288381	5.5	7 4618
	426075	ESTs, Weakly similar to 2109260A B cell		Hs.270149	5.5	2170 6417
00	434715	ESTs	BE005346	Hs.116410	5.5	3070 7094
80	443163	ESTs	AI082610	Hs.132079	5.5	3605 7572
	432485	CDW52 antigen (CAMPATH-1 antigen)	N90866	Hs.276770	5.5	2877 6939
	425262	GS3955 protein	D87119	Hs.155418	5.5	2076 2077 6354
	433323	ESTs	AA805132	Hs.159142	5.5	2970 7011
05	441020	ESTs	W79283	Hs.35962	5.5	3495 7471
85	419086	Kallmann syndrome 1 sequence	NM_000216		5.4	1300 1301 5789
	420058	Homo sapiens cDNA FLJ10561 fis, clone	N AKU01423	Hs.94694	5.4	1411 5874

	408901	hypothetical protein FLJ10468	AK001330	Hs.48855	5.4	272 273 4997
	406836	immunoglobulin kappa constant	AW514501	Hs.156110	5.4	68 4835
	453649	ATPase, Na? transporting, alpha 2 () po	Y07494	Hs.34114	5.4	4432 4433 8252
	410581		AA018982		5.4	
5	448988	tumor endothelial marker 7 precursor gamma-aminobutyric acid (GABA) A rece		Hs.125036 Hs.22785	5.4	478 5146 4055 4056 7940
,	419750	Homo sapiens cDNA FLJ14236 fis, clone		Hs.183114	5.4	1385 5853
	431070	transcription factor 19 (SC1)	AW408164	Hs.249184	5.4	2744 6837
	430147	hairy/enhancer-of-split related with YR	R60704	Hs.234434	5.4	2652 6773
	441689	ESTs	Al123705	Hs.289068	5.4	3533 7505
10	416406	lipoma HMGIC fusion partner-like 2	D86961	Hs.79299	5.4	1001 1002 5564
. •	443595	PPAR(gamma) angiopoietin related protei		Hs.9613	5.4	3626 3627 7590
	438203	ESTs	BE540090	Hs.7345	5.4	3308 7300
	419235	neurotrimin	AW470411	Hs.288433	5.4	1320 5804
	407785	ESTs, Weakly similar to A43932 mucin 2		Hs.98279	5.4	160 4904
15	447471	sprouty (Drosophila) homolog 2	AF039843	Hs.18676	5.4	3930 3931 7839
10	432247	ESTs	AA531287	Hs.105805	5.4	2859 6923
	447343	ESTs, Highly similar to S02392 alpha-2-	AA256641	Hs.236894	5.4	3916 7828
	412507	EphA4	L36645	Hs.73964	5.4	596 597 5243
	414416	hypothetical protein MGC2721	AW409985	Hs.76084	5.4	813 5417
20	427596	extracellular glycoprotein EMILIN-2 pre	AA449506	Hs.270143	5.4	2350 6544
	408660	ESTs, Moderately similar to PC4259 ferr		Hs.89040	5.4	247 4977
	447261	extraceflular link domain-containing 1	NM_006691		5.4	3908 3909 7823
	417421	nuclear receptor subfamily 4, group A,	AL138201	Hs.82120	5.4	1118 5653
	426855	Homo sapiens mRNA; cDNA DKFZp566P				2279 6491
25	451952	ESTs	AL120173	Hs.301663	5.3	4264 8111
	447297	protease, cysteine, 1 (legumain)	BE617970	Hs.18069	5.3	3914 7826
	414459	CCAAT/enhancer binding protein (C/EBP)		Hs.76171	5.3	818 819 5422
	444412	Homo sapiens clone HH409 unknown mR			5.3	3700 7655
	422809	hypothetical protein FLJ10549	AK001379	Hs.121028	5.3	1741 1742 6115
30	448498	ESTs	AA418276	Hs.375003	5.3	4007 7904
-	441104	ESTs	AI382357	Hs.143903	5.3	3499 7474
	427400	hypothetical protein FLJ11939	AW245084	Hs.94229	5.3	2325 6525
	422765	baculoviral IAP repeat-containing 5 (su	AW409701	Hs.1578	5.3	1734 6110
	441362	RAD51 (S. cerevisiae) homolog (E coli R		Hs.23044	5.3	3512 7486
35	400288	integrin, alpha 5 (fibronectin receptor	X06256	Hs.149609	5.3	1 2 4614
-	438086	nuclear receptor subfamily 1, group I,	AA336519	Hs.83623	5.3	3300 7293
	452355	G protein-coupled receptor 34	N54926	Hs.29202	5.3	4320 8157
	452056	Homo sapiens, clone IMAGE:4054156, m				4280 8123
	414531	allograft inflammatory factor 1	T69387	Hs.76364	5.3	829 5430
40	406698	major histocompatibility complex, class	X03068	Hs.73931	5.3	51 52 4824
. •	445084	hypothetical protein FLJ14761	H38914	Hs.250848	5.3	3742 7687
	418110	hypothetical protein FLJ22202	R43523	Hs.217754	5.3	1193 5710
	408018	ESTs	AI912976	Hs.187497	5.3	185 4927
	417160	proteolipid protein 1 (Pelizaeus-Merzba	N76497	Hs.355807	5.3	1086 5626
45	427099	odd Oz/ten-m homolog 2 (Drosophila, mo		Hs.173560	5.3	2302 2303 6509
. •	453079	LIM protein (similar to rat protein kin	AW160480	Hs.154103	5.3	4387 8214
	422100	ADP-ribosylation factor-like 7	AI096988	Hs.111554	5.3	1644 6042
	424078	paternally expressed 3	AB006625	Hs.139033	5.3	1893 1894 6225
	426413	gb:EST90805 Synovial sarcoma Homo sa			5.3	2219 6453
50	407366	gb:Homo sapiens cig33 mRNA, partial sec		Hs.17518	5.3	137 4885
	428046	ESTs, Moderately similar to I38022 hypo		Hs.337534	5.3	2393 6579
	422562	AE-binding protein 1	AI962060	Hs.118397	5.3	1700 6085
	416140	roundabout (axon guidance receptor, Dro		Hs.301198	5.3	978 5545
	421016	transcription factor 3 (E2A immunoglobu	AA504583	Hs.101047	5.3	1497 5937
55	417259	chondroitin sulfate proteoglycan 2 (ver	AW903838	Hs.81800	5.3	1092 5632
	413199	ELAV (embryonic lethal, abnormal vision	M62843	Hs.75236	5.3	687 688 5317
	435256	cytokine-like protein C17	AF193766	Hs.13872	5.3	3116 3117 7133
	410738	titin	AA197128	Hs.172004	5.3	491 5156
	453935	ESTs	AI633770	Hs.42572	5.3	4470 8281
60	408753	SH3 domain binding glutamic acid-rich p	AI337192	Hs.47438	5.3	254 4983
	432098	cytochrome P450 retinoid metabolizing p	AF252297	Hs.91546	5.2	2839 2840 6908
	432503	ESTs	AA551196	Hs.188952	5.2	2878 6940
	439999	ras homolog gene family, member E	AA115811	Hs.6838	5.2	3444 7426
<i>(</i> =	425065	Homo sapiens, clone IMAGE:3603836, m	RNA AA37190		5.2	2042 6329
65	428834	ESTs	AW899713	Hs.10338	5.2	2479 6647
	450923	ESTs	AW043951	Hs.38449	5.2	4203 8063
	412563	ESTs, Weakly similar to I38022 hypothet		Hs.350621	5.2	605 5250
	428976	ras homolog gene family, member I	AL037824	Hs.194695	5.2	2495 6658
70	407965	heat shock 27kD protein 3	W21483	Hs.41707	5.2	183 4925
70	410624	ESTs, Weakly similar to alternatively s	AA180060	Hs.68751	5.2	482 5150
	442080	ESTs	AW444761	Hs.72901	5.2	3549 7521
	408989	KIAA0746 protein	AW361666	Hs.49500	5.2	290 5010
	427700	dual specificity phosphatase 6	AA262294	Hs.180383	5.2	2361 6554
75	411020	macrophage receptor with collagenous st			5.2	506 507 5168
13	453767	extracellular matrix protein 2, female	AB011792	Hs.35094	5.2	4439 4440 8258
	414117	proteolipid protein 1 (Pelizaeus-Merzba	W88559	Hs.355807	5.2	777 5386
	424651	ESTS	AI493206	Hs.120785	5.2	1984 6287
	407874	Homo sapiens cDNA FLJ14059 fis, clone		Hs.289047	5.2	175 4918
80	435977 423013	brain-specific membrane-anchored protei		Hs.5012	5.2	3166 7174
50			AW875443	Hs.22209	5.2	1769 6135 1784 1785 6147
		colleges type \/   clabs 1 /onidomash			5.2	1704 1785 6147
	423217	collagen, type VII, alpha 1 (epidermoly	NM_000094			
	423217 448569	signal transducer and activator of tran	BE382657	Hs.21486	5.2	4014 7909
	423217 448569 428862	signal transducer and activator of tran SRY (sex determining region Y)-box 9 (c	BE382657 NM_000346	Hs.21486 Hs.2 316	5.2 5.2	4014 7909 2483 2484 6650
85	423217 448569 428862 453948	signal transducer and activator of tran SRY (sex determining region Y)-box 9 (c ESTs	BE382657 NM_000346 AI970797	Hs.21486 Hs.2 316 Hs.64859	5.2 5.2 5.2	4014 7909 2483 2484 6650 4473 8283
85	423217 448569 428862	signal transducer and activator of tran SRY (sex determining region Y)-box 9 (c	BE382657 NM_000346 AI970797	Hs.21486 Hs.2 316 Hs.64859	5.2 5.2 5.2	4014 7909 2483 2484 6650

	400061	maior histogramostibility gampley along	A A C O O 7 O A	U= 252202	E 2	74 4020
	406851 429197	major histocompatibility complex, class ESTs, Weakly similar to T20272 hypothet	AA609784	Hs.352392	5.2 5.2	71 4838 2531 6685
	433013			Hs.26930		2927 6979
		axin 2 (conductin, axil)	AI697890	Hs.127337	5.2	
5	428317	ESTs	AW022609	Hs.50745	5.2	2431 6610
5	432290	Homo sapiens cDNA FLJ10237 fis, clone			5.2	2862 6926
	422901	ribosomal protein L44	R81936	Hs.75874	5.2	1757 6126
	452698	chemokine (C-C motif) receptor 1	NM_001295		5.2	4343 4344 8177
	410099	KIAA0036 gene product	AA081630	Hs.167	5.2	421 5106
10	429266	ESTs	Al014510	Hs.350621	5.2	2537 6691
10	426527	sodium channel, voltage-gated, type I,	NM_001037	Hs.1 70238	5.2	2247 2248 6471
	403291	Target Exon			5.2	4713
	410494	protein S (alpha)	M36564	Hs.64016	5.1	466 467 5139
	443960	hypothetical protein FLJ21986	AI093577	Hs.255416	5.1	3663 7623
1.0	441944	Homo sapiens clone 23767 and 23782 m	RNA AW85586	61 Hs.8025	5.1	3541 7513
15	429455	CD209 antigen	Al472111	Hs.278694	5.1	2563 6710
	449780	ribosomal protein L44	AA443241	Hs.75874	5.1	4114 7992
	429612	pituitary tumor-transforming 1	AF062649	Hs.252587	5.1	2586 2587 6726
	418036	latent transforming growth factor beta	Z37976	Hs.83337	5.1	1180 1181 5699
	448782	KIAA0758 protein	AL050295	Hs.362806	5.1	4038 4039 7928
20	436481	HSPC150 protein similar to ubiquitin-co	AA379597	Hs.5199	5.1	3192 7197
	415166	carboxypeptidase Z	NM_003652		5.1	913 914 5491
	415314	glycoprotein M6B	N88802	Hs.5422	5.1	921 5497
	439456	hypothetical protein FLJ20980	AI752409	Hs.109314	5.1	3400 7383
	417011	ESTs, Weakly similar to 2109260A B cell		Hs.234898	5.1	1060 5605
25	412490	Homo sapiens cDNA: FLJ22528 fis, clone		Hs.288850	5.1	595 5242
20	434868		R50032	Hs.159263	5.1	3085 7106
	419956	collagen, type VI, alpha 2 cadherin 19, type 2	AL137939			
		ESTs		Hs.40096	5.1	1398 5865
	438085		R52518	Hs.7967	5.1	3299 7292
30	425964	progesterone membrane binding protein	AW889928	Hs.9071	5.1	2157 6408
50	418400	KIAA0246 protein	BE243026	Hs.301989	5.1	1234 5739
	416051	mannosidase, alpha, class 1A, member 1		Hs.25253	5.1	966 5534
	445363	tubulin-specific chaperone d	NM_005993		5.1	3762 3763 7702
	414715	amylo-1,6-glucosidase, 4-alpha-glucanot		Hs.904	5.1	855 5450
25	414945	lymphocyte antigen 6 complex, locus E	BE076358	Hs.77667	5.1	894 5477
35	425227	ESTs	H84455	Hs.40639	5.1	2069 6348
	448357	RAB38, member RAS oncogene family	N20169	Hs.108923	5.1	3994 7893
	437802	ESTs	Al475995	Hs.122910	5.1	3288 7281
	408161	hypothetical protein MGC3032	AW952912	Hs.300383	5.1	195 4937
	447519	ESTs	U46258	Hs.339665	5.1	3936 7844
40	443060	procollagen C-endopeptidase enhancer 2	D78874	Hs.8944	5.1	3594 7562
	423550	ESTs	F37675	Hs.152129	5.1	1815 6169
	429583	1-acylglycerol-3-phosphate O-acyltransf	NM_006412		5.1	2581 2582 6723
	400263	Eos Control		Hs.75309	5.1	4613
	452436	ESTs, Moderately similar to A46010 X-li	BE077546	Hs.31447	5.1	4330 8164
45	411756	discoidin domain receptor family, membe		Hs.71891	5.1	550 5205
	428311	tryptophan 2,3-dioxygenase	NM_005651		5.1	2429 2430 6609
	446681	kendrin	AJ003624	Hs.15896	5.1	3869 7789
	420028	carbohydrate (N-acetylglucosamine-6-O)		Hs.8786	5.1	1408 1409 5872
	451292	KIAA1295 protein	AB037716	Hs.26204	5.1	
50	432306	protein phosphatase 1, regulatory (inhi	Y18207	Hs.303090	5.1	4221 4222 8079 2864 2865 6928
50	413063					
	452689	chitinase 3-like 1 (cartilage glycoprot transferrin	AL035737	Hs.75184	5.1	676 5308
	444783		F33868	Hs.284176	5.1	4342 8176
		anillin (Drosophila Scraps homolog), ac	AK001468	Hs.62180	5.1	3722 3723 7672
55	402994	NM_002463*:Homo sapiens myxovirus (ir		70040	5.1	4701
33	411894	GLI-Kruppel family member GLI3 (Greig o		Hs.72916	5.1	559 560 5212
	445900	Homo sapiens clone 24787 mRNA seque			5.1	3803 7733
	450606	ESTs, Moderately similar to ALU6_HUMA		Hs.60380	5.1	4177 8042
	430513	G6C protein	AJ012008	Hs.241586	5.1	2704 2705 6809
60	420162	cyclin-dependent kinase 4	BE378432	Hs.95577	5.1	1422 5883
60	420255	membrane metallo-endopeptidase (neutra			5.0	1438 1439 5896
	423556	dynein, cytoplasmic, heavy polypeptide	R72694	Hs.356692	5.0	1816 6170
	417933	thymidylate synthetase	X02308	Hs.82962	5.0	1170 1171 5692
	426156	natriuretic peptide receptor A/guanylat	BE244537	Hs.167382	5.0	2183 6427
15	427509	complement component 5 receptor 1 (C5a	M62505	Hs.2161	5.0	2338 2339 6535
65	451149	RNA binding motif protein 8B	AL047586	Hs.10283	5.0	4214 8073
	422175	ESTs, Highly similar to T00391 hypothet	N79885	Hs.6382	5.0	1657 6053
	443062	Homo sapiens mRNA full length insert cD	N77999	Hs.8963	5.0	3595 7563
	435099	flap structure-specific endonuclease 1	AC004770	Hs.4756	5.0	3104 3105 7123
	436291	protein regulator of cytokinesis 1	BE568452	Hs.344037	5.0	3180 7185
70	439070	ESTs	AI733278	Hs.7621	5.0	3375 7358
	402855	NM_001839*:Homo sapiens calponin 3, a	ci		5.0	4694
	408196	SRY (sex determining region Y)-box 22	AL034548	Hs.43627	5.0	199 200 4940
	426514	bone morphogenetic protein 7 (osteogeni		Hs.170195	5.0	2246 6470
	421991	KIAA0990 protein	NM_014918		5.0	1622 1623 6028
75	450755	ESTs	AA010984	Hs.159464	5.0	4190 8054
	427528	minichromosome maintenance deficient (5		Hs.179565	5.0	2341 6537
	429150	smoothened (Drosophila) homolog	AF120103	Hs.197366	5.0	2519 2520 6677
	449129	ESTs	AI631602	Hs.258949	5.0	4066 7950
	425863	Human unidentified mRNA, partial sequen		Hs.159901	5.0	2152 6404
80	415447	myocilin, trabecular meshwork inducible	Z97171	Hs.78454	5.0	927 928 5503
-	422530	bone marrow stromal cell antigen 2	AW972300	Hs.118110	5.0	1696 6082
	422481	DNAX-activation protein 10	AL050163			
		cyclin-dependent kinase inhibitor 2C (p		Hs.117339	5.0	1687 1688 6075
	435232		NM_001262		5.0	3114 3115 7132
85	428309	cellular retinoic acid-binding protein	M97815	Hs.183650	5.0	2427 2428 6608
05	414024	gb:zm79g08.r1 Stratagene neuroepitheliu		Hs.22410	5.0	769 5379
	434355	ESTs	AA630865	Hs.186556	5.0	3049 7076

	445100	sina asulia hamaahau (Dasaashila) hamal	41200444	11- 404027	F 0	2740 7002
	445160	sine oculis homeobox (Drosophila) homol		Hs.101937	5.0	3748 7692
	441389	endocytic receptor (macrophage mannos		Hs.7835	5.0	3514 3515 7488
	437696	hypothetical protein dJ37E16.5	Z83844	Hs.5790	5.0	3281 7274
5	421483	hypothetical protein MGC11333	NM_003388		5.0	1545 1546 5973
)	408826	Homo sapiens clone HB-2 mRNA sequen			5.0	263 4990
	439332	Homo sapiens mRNA; cDNA DKFZp547N				3393 7376
	429170	dual specificity phosphatase 4	NM_001394		5.0	2524 2525 6680
	449353	ESTs	AA001220	Hs.242947	5.0	4084 7966
10	443859	follistatin	NM_013409		5.0 5.0	3651 3652 7613
10	415052	mesenchyme homeo box 2 (growth arrest			5.0	904 905 5485 3160 7168
	435905	KIAA0456 protein	AW997484	Hs.5003		
	426304	Homo sapiens cDNA FLJ11477 fis, clone			5.0	2198 6438
	436396	wingless-type MMTV integration site fam ESTs		Hs.152213	5.0 5.0	3184 7189
15	434175 421506	thymidine kinase 1, soluble	AW979081 BE302796	Hs.165469	5.0	3032 7065 1550 5976
13	431958	cadherin 3, type 1, P-cadherin (placent	X63629	Hs.105097	5.0	2834 2835 6904
	410600	ESTs, Moderately similar to S65657 alph		Hs.2877 Hs.351676	5.0	479 5147
	433043	lymphoid nuclear protein (LAF-4) mRNA	W57554	Hs.125019	5.0	2930 6982
	422363	replication factor C (activator 1) 3 (3	T55979	Hs.115474	5.0	1673 6065
20	438944	KIAA1444 protein	AA302517	Hs.92732	4.9	3368 7351
	411089	cell division cycle 2-like 1 (PITSLRE p	AA456454	Hs.214291	4.9	513 5173
	428949	hypothetical protein DKFZp434J0617	AA442153	Hs.104744	4.9	2490 6655
	407204	ESTs, Weakly similar to ALU1_HUMAN A		Hs.140237	4.9	121 4873
	409062	Homo sapiens mRNA; cDNA DKFZp564E				301 5018
25	428227	small inducible cytokine subfamily B (C	AA321649	Hs.2248	4.9	2410 6593
	428182	ESTs, Weakly similar to GGC1_HUMAN				2403 6588
	417059	extracellular matrix protein 1	AL037672	Hs.81071	4.9 .	1067 5611
	453597	myo-inositol 1-phosphate synthase A1	BE281130	Hs.381118	4.9	4429 8249
	423057	ESTs, Moderately similar to 138022 hypo		Hs.130816	4.9	1773 6139
30	422684	H2A histone family, member Z	BE561617	Hs.119192	4.9	1726 6105
	432101	EphA3	AI918950	Hs.123642	4.9	2841 6909
	407756	ubiquitin specific protease 18	AA116021	Hs.38260	4.8	159 4903
	424308	minichromosome maintenance deficient (	S AW975531	Hs.154443	4.8	1932 6250
~ -	410108	OSBP-related protein 6	AA081659	Hs.318775	4.8	423 5108
35	444670	hypothetical protein MGC5370	H58373	Hs.332938	4.8	3714 7666
	427378	melanoma antigen, family D, 1	BE515037	Hs.177556	4.8	2322 6523
	417796	ESTs	AA206141	Hs.367818	4.8	1159 5682
	418216	AF15q14 protein	AA662240	Hs.283099	4.8	1206 5721
40	452973	ESTs	H88409	Hs.40527	4.8	4375 8203
40	431448	hypothetical protein DKFZp564O1278	AL137517	Hs.306201	4.8	2785 2786 6869
	434747	ESTs	AA837085	Hs.372254	4.8	3073 7097
	435124	ESTs	AA725362	Hs.75514	4.8	3107 7125
	414053	transgelin 2	BE391635	Hs.75725	4.8	774 5383
45	408938	ESTS	AA059013	Hs.22607	4.8	279 5002
73	420238	ESTs, Weakly similar to 2109260A B cell		Hs.12549	4.8	1436 5894 148 4893
	4076EG	Home conions mDNA: aDNA DVE7s4240				
	407656	Homo sapiens mRNA; cDNA DKFZp4348				
	410011	PFTAIRE protein kinase 1	AB020641	Hs.57856	4.8	406 407 5096
	410011 416640	PFTAIRE protein kinase 1 neuron-specific protein	AB020641 BE262478	Hs.57856 Hs.13406	4.8 4.8	406 407 5096 1019 5576
50	410011 416640 453983	PFTAIRE protein kinase 1 neuron-specific protein ESTs	AB020641 BE262478 H94997	Hs.57856 Hs.13406 Hs.16450	4.8 4.8 4.8	406 407 5096 1019 5576 4476 8286
50	410011 416640 453983 420842	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986	AB020641 BE262478 H94997 Al083668	Hs.57856 Hs.13406 Hs.16450 Hs.50601	4.8 4.8 4.8	406 407 5096 1019 5576 4476 8286 1485 5929
50	410011 416640 453983 420842 429707	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B	AB020641 BE262478 H94997 AI083668 W76631	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819	4.8 4.8 4.8 4.8	406 407 5096 1019 5576 4476 8286 1485 5929 2606 6738
50	410011 416640 453983 420842 429707 447232	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 238 interleukin 10 receptor, alpha	AB020641 BE262478 H94997 AI083668 W76631 AW499834	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327	4.8 4.8 4.8 4.8 4.8	406 407 5096 1019 5576 4476 8286 1485 5929 2606 6738 3905 7820
	410011 416640 453983 420842 429707 447232 417370	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466	4.8 4.8 4.8 4.8 4.8 4.8	406 407 5096 1019 5576 4476 8286 1485 5929 2606 6738
	410011 416640 453983 420842 429707 447232 417370 406672	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 238 interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253	4.8 4.8 4.8 4.8 4.8 4.8 4.8	406 407 5096 1019 5576 4476 8286 1485 5929 2606 6738 3905 7820 1105 5643 43 44 4820
50 55	410011 416640 453983 420842 429707 447232 417370	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041 AI524124	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307	4.8 4.8 4.8 4.8 4.8 4.8	406 407 5096 1019 5576 4476 8286 1485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903
	410011 416640 453983 420842 429707 447232 417370 406672 448493	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 238 interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8	406 407 5096 1019 5576 4476 8286 1485 5929 2606 6738 3905 7820 1105 5643 43 44 4820
	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041 AI524124 AK001537	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699
55	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 238 interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7	406 407 5096 1019 5576 4476 8286 1485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3756 7903 4241 8093
	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41	AB020641 BE262478 H94997 A1083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 1485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090
55	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1	AB020641 BE262478 H94997 A1083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 304 7090 3378 7361
55	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 432481 417115	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep	AB020641 BE262478 H94997 A1083668 W76631 AW499834 T28651 M26041 A1524124 AK001537 N29102 AA789081 AA306090 BE614387	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.333893	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3788 7361 3611 7578
55	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 432481 417115 412564	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein	AB020641 BE262478 H94997 A1083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.333893 Hs.151504 Hs.334612 Hs.355934	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251
55	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 432481 417115 412564 429139	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase rajor histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs	AB020641 BE262478 H94997 41083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.333893 Hs.151504 Hs.334612 Hs.334612 Hs.334612 Hs.355934 Hs.566087	4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675
55	410011 416640 453983 420842 429707 447737 406672 448493 445302 451598 434629 439130 443247 432481 417115 412564 429139 424829	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 238 interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.333893 Hs.151504 Hs.334612 Hs.355934 Hs.66087 Hs.1827	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 1485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303
55	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 43247 432481 417115 412564 429139 424829 427647	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone	AB020641 BE262478 H94997 A1083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.333893 Hs.151504 Hs.355934 Hs.66087 Hs.1827 Hs.1827 Hs.180059	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548
55	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 432481 417115 412564 429139 424829 427647 408482	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor	AB020641 BE262478 H94997 A1083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.333893 Hs.151504 Hs.3456087 Hs.1827 Hs.1827 Hs.1827 Hs.182059 Hs.45743	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959
55	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 432481 417115 412564 429139 424829 427647 408482 440028	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676 AW473675	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.4029 Hs.345588 Hs.333893 Hs.151504 Hs.355934 Hs.355934 Hs.1827 Hs.180059 Hs.4 5743 Hs.45743 Hs.457649	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 1485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428
<ul><li>55</li><li>60</li><li>65</li></ul>	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 439130 43247 432481 417115 412564 429139 424829 427647 408482 440028 432527	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676 AW473675 AW975028	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.333893 Hs.151504 Hs.334612 Hs.355934 Hs.160087 Hs.18207 Hs.18	4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 1485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428 2883 6944
55	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 43247 432481 417115 412564 429139 424829 427647 408482 440028 430257 449595	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interfeukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly simitar to T17227 hypothet ESTs ESTs	AB020641 BE262478 H94997 A1083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW93799	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.333893 Hs.151504 Hs.355934 Hs.15504 Hs.1827 Hs.1827 Hs.180059 Hs.4 5743 Hs.367649 Hs.367649 Hs.102754 Hs.102754 Hs.255238	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428 2883 6944 4098 7979
<ul><li>55</li><li>60</li><li>65</li></ul>	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 432481 417115 412564 429139 427647 408482 440028 439527 44995 454071	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs ESTs	AB020641 BE262478 H94997 A1083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW293799 A1041793	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.333893 Hs.151504 Hs.66087 Hs.1827 Hs.180059 Hs.4 5743 Hs.367649 Hs.102754 Hs.255238 Hs.42502	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4476 8286 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5522 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428 2883 6944 4098 7979 4487 8295
<ul><li>55</li><li>60</li><li>65</li></ul>	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 432481 417115 412564 429139 424829 427647 408482 440028 432527 449527 449577	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs ESTs ESTs cyclin B2	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW293799 AI041793 AK001404	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.4029 Hs.3355934 Hs.333893 Hs.151504 Hs.3355934 Hs.366087 Hs.1827 Hs.180059 Hs.4 5743 Hs.367649 Hs.102754 Hs.255238 Hs.45502 Hs.194698	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 1485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428 2883 6944 4098 7979 4487 8295 2496 6659
<ul><li>55</li><li>60</li><li>65</li></ul>	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 432481 417115 412564 429139 424829 427647 408482 440028 439527 449595 454071 428977 42463	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs ESTs ESTs cyclin B2 L1 cell adhesion molecule (hydrocephalu	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28551 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW293799 AI041793 AK001404 M77640	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.343588 Hs.345588 Hs.33893 Hs.151504 Hs.36087 Hs.180059 Hs.4 5743 Hs.160059 Hs.4 5743 Hs.367649 Hs.102754 Hs.255238 Hs.42502 Hs.194698 Hs.1757	4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4559 3446 7428 2883 6944 4098 7979 4487 8295 2496 6659 1925 1926 6246
<ul><li>55</li><li>60</li><li>65</li><li>70</li></ul>	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 432481 417115 412564 429139 424829 427647 408482 440028 43	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs ESTs ESTs ESTs Cyclin B2 L1 cell adhesion molecule (hydrocephalu eukaryotic translation elongation facto	AB020641 BE262478 H94997 A1083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW293799 A1041793 AK001404 M77640 AW411491	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.37466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.333893 Hs.151504 Hs.355934 Hs.66087 Hs.1827 Hs.1827 Hs.180059 Hs.4 5743 Hs.367649 Hs.40525238 Hs.42502 Hs.194698 Hs.42502 Hs.194698 Hs.1757 Hs.75069	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4476 8286 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428 2883 6944 4098 7979 4487 8295 2496 6659 1925 1926 6246 657 5292
<ul><li>55</li><li>60</li><li>65</li></ul>	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 432481 417115 412564 429139 427647 408482 440028 432527 449625 454071 428977 424263 412939 410342	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Horno sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs ESTs ESTs ESTs Cyclin B2 L1 cell adhesion molecule (hydrocephalu eukaryotic translation elongation facto Fc fragment of IgE, high affinity I, re	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW293799 AI041793 AK001404 M77640 AW411491 R31350	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.4029 Hs.345588 Hs.4029 Hs.345583 Hs.151504 Hs.355934 Hs.355934 Hs.366087 Hs.1 827 Hs.180059 Hs.4 5743 Hs.367649 Hs.102754 Hs.255228 Hs.42502 Hs.194698 Hs.1757 Hs.75069 Hs.743	4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428 2883 6944 4098 7979 4487 8295 2496 6659 1925 1926 6246 657 5292 453 5129
<ul><li>55</li><li>60</li><li>65</li><li>70</li></ul>	410011 416640 453983 420842 429707 447723 417370 406672 448493 445302 451598 434629 439130 443247 432481 417115 412564 429139 424829 427647 408482 440028 432527 449595 454071 428977 424263 4110342 433513	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs ESTs cyclin B2 L1 cell adhesion molecule (hydrocephalu eukaryotic translation elongation facto Fc fragment of IgE, high affinity I, re ESTs	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW293799 AI041793 AK001404 M77640 AW411491 R31350 AI566356	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.4029 Hs.3345583 Hs.151504 Hs.333893 Hs.151504 Hs.334612 Hs.36087 Hs.1 827 Hs.180059 Hs.4 5743 Hs.102754 Hs.255238 Hs.102754 Hs.255238 Hs.1757 Hs.75069 Hs.1757 Hs.75069 Hs.743 Hs.17437	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4476 8286 64738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428 2883 6944 4098 7979 4487 8295 2496 6659 1925 1926 6246 657 5292 4467 8295 2496 6659 1925 1926 6246 657 5292 453 5129 2985 7024
<ul><li>55</li><li>60</li><li>65</li><li>70</li></ul>	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 439130 439247 43247 43247 432481 417115 412564 429139 424829 427647 408482 440028 43028 43028 43028 43028 43028 43036 4303	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs ESTs cyclin B2 L1 cell adhesion molecule (hydrocephalu eukaryotic translation elongation facto Fc fragment of IgE, high affinity I, re ESTs ESTs	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28551 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW293799 AI041793 AK001404 M77640 AW411491 R31350 AJ656336 AA461599	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.4029 Hs.345588 Hs.33893 Hs.151504 Hs.334612 Hs.36087 Hs.180059 Hs.4 5743 Hs.160059 Hs.4 5743 Hs.255238 Hs.475069 Hs.4 7574 Hs.75069 Hs.75069 Hs.75069 Hs.7743 Hs.75069	4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4476 8286 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428 2883 6944 4098 7979 4487 8295 2496 6659 1925 1926 6246 657 5292 453 5129 2985 7024 4337 8171
<ul><li>55</li><li>60</li><li>65</li><li>70</li></ul>	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 43247 432481 417115 412564 429139 424829 427647 408482 440028 43955 454071 428977 424263 410342 433513 452613 452613 452613 452613	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs ESTs ESTs Cyclin B2 L1 cell adhesion molecule (hydrocephalu eukaryotic translation elongation facto Fc fragment of IgE, high affinity I, re ESTs ESTs	AB020641 BE262478 H94997 A1083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW293799 A1041793 AK001404 M77640 AW411491 R31350 AI566356 AA461599 AI494291	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.3227 Hs.37466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.333893 Hs.151504 Hs.355934 Hs.16087 Hs.1827 Hs.18207 Hs.1827 Hs.180059 Hs.4 5743 Hs.456087 Hs.1757 Hs.75069 Hs.743 Hs.1757 Hs.75069 Hs.743 Hs.743459 Hs.34599 Hs.34599 Hs.34599 Hs.34599 Hs.34599 Hs.34599 Hs.34599 Hs.34599 Hs.369171	4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4476 8286 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428 2883 6944 4098 7979 4487 8295 2496 6659 1925 1926 6246 657 5292 453 5129 2985 7024 4337 8171 2381 6569
<ul><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	410011 416640 453983 420842 429707 447732 417370 406672 448493 445302 451598 434629 439130 443247 432481 417115 412564 429139 424829 427647 408482 440028 4392527 449595 454071 428977 424263 412939 410342 433513 452613 452613 452613 452613 452613 452613	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Horno sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs ESTs ESTs cyclin B2 L1 cell adhesion molecule (hydrocephalu eukaryotic translation elongation facto Fc fragment of IgE, high affinity I, re ESTs ESTs ESTs ESTs ESTs ESTs ESTs ESTs	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW293799 AK001404 M77640 AW411491 R31350 AI566356 AA461599 AI494291 234G AA3306	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.4029 Hs.345588 Hs.4029 Hs.34558934 Hs.3355934 Hs.355934 Hs.355934 Hs.366087 Hs.1827 Hs.180059 Hs.45743 Hs.367649 Hs.102754 Hs.255238 Hs.1757 Hs.184698 Hs.1757 Hs.171437 Hs.223459 Hs.75069 Hs.743 Hs.171437 Hs.23459 Hs.348805	4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 2883 6944 4098 7979 4487 8295 2496 6659 1925 1926 6246 657 5292 4487 8295 2496 6659 1925 1926 6246 4337 8171 2381 6569 4394 8220
<ul><li>55</li><li>60</li><li>65</li><li>70</li></ul>	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 432481 417115 412564 429139 424829 427647 408482 440028 432527 449955 454071 428977 424263 412939 410342 433513 452613 427876 453139 431124	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs ESTs ESTs cyclin B2 L1 cell adhesion molecule (hydrocephalu eukaryotic translation elongation facto Fc fragment of IgE, high affinity I, re ESTs ESTs ESTs ESTs ESTs ESTs Human DNA sequence from clone RP11-1 doublesex and mab-3 related transcripti	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AB608090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW9750	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.3227 Hs.37466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.333893 Hs.151504 Hs.355934 Hs.16087 Hs.1827 Hs.18207 Hs.1827 Hs.180059 Hs.4 5743 Hs.456087 Hs.1757 Hs.75069 Hs.743 Hs.1757 Hs.75069 Hs.743 Hs.743459 Hs.34599 Hs.34599 Hs.34599 Hs.34599 Hs.34599 Hs.34599 Hs.34599 Hs.34599 Hs.369171	4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428 2883 6944 4098 7979 4487 8295 2496 6659 1925 1926 6246 657 5292 4487 8295 2496 6659 1925 1926 6246 657 5292 4487 8295 2496 6659 1925 1926 6246 437 8171 2381 6569 4394 8220 2753 2754 6843
<ul><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 43247 412564 429139 424829 427647 408482 440028 439527 449595 454071 428977 424263 412939 410342 433513 427876 453139 431124 406636	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs ESTs ESTs ESTs ESTs ESTs ESTs ESTs	AB020641 BE262478 H94997 A1083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW293799 A1041793 AK001404 M77640 AW411491 R31350 AI566356 AA461599 AI494291 234G AA3306 AF284221 t L12064	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.4029 Hs.345588 Hs.333893 Hs.151504 Hs.334612 Hs.36087 Hs.180059 Hs.4 5743 Hs.160059 Hs.4 5743 Hs.255238 Hs.475069 Hs.4 5743 Hs.255238 Hs.42502 Hs.194698 Hs.1757 Hs.75069 Hs.75069 Hs.743 Hs.17437 Hs.23459 Hs.369171 20 Hs.348805 Hs.59506	4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4476 8286 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428 2883 6944 4098 7979 4487 8295 4296 6659 1925 1926 6246 657 5292 453 5129 2985 7024 4337 8171 2381 6569 4394 8220 2753 2754 6843 32 33 4814
<ul><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 43247 432481 417115 412564 429139 424829 427647 408482 440028 430527 449595 454071 42829 430527 449595 454071 428263 412939 410342 433513 452613 45613 45613 45613 45613	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs ESTs ESTs ESTs ESTs ESTs ESTs ESTs	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW923799 AI041793 AK001404 M77640 AW411491 R31350 AI566356 AA461599 AI494291 234G AA3306 AF284221 L12064 L36463	Hs.57856 Hs.13406 Hs.16450 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.4029 Hs.345588 Hs.4029 Hs.345583 Hs.151504 Hs.3334612 Hs.355934 Hs.366087 Hs.1 827 Hs.180059 Hs.4 5743 Hs.367649 Hs.102754 Hs.255238 Hs.1757 Hs.23459 Hs.1757 Hs.23459 Hs.7437 Hs.23459 Hs.7437 Hs.23459 Hs.7437 Hs.23459 Hs.348805 Hs.359506	4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4476 8286 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428 2883 6944 4098 7979 4487 8295 2496 6659 1925 1926 6246 657 5292 453 5129 2985 7024 4337 8171 2381 6569 4394 8220 2753 2754 6843 32 33 4814 4516 4517 8321
<ul><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li><li>80</li></ul>	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 43247 412564 429139 424829 427647 408482 440028 439527 449595 454071 428977 424263 412939 410342 433513 427876 453139 431124 406636	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs ESTs ESTs cyclin B2 L1 cell adhesion molecule (hydrocephalu eukaryotic translation elongation facto Fc fragment of IgE, high affinity I, re ESTs ESTs ESTs ESTs Human DNA sequence from clone RP11- doublesex and mab-3 related transcripti gb:Homo sapiens (clone WR4.12VL) anti- ras inhibitor ets variant gene 5 (ets-related molecul	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW293799 AI041793 AK001404 M77640 AW411491 R31350 AI566356 AA461599 AI494291 234G AA3306 AF284221 t L12064 L36463 NM_004454	Hs.57856 Hs.13406 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.4029 Hs.345588 Hs.333893 Hs.151504 Hs.3355934 Hs.355934 Hs.366087 Hs.18207 Hs.180059 Hs.4 5743 Hs.367649 Hs.102754 Hs.255238 Hs.1757 Hs.75069 Hs.475069 Hs.7433 Hs.171437 Hs.23459 Hs.171437 Hs.23459 Hs.369171 20 Hs.348805 Hs.59506	4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4476 8286 6738 3905 7820 1105 5643 43 44 4820 4006 7903 3757 3758 7699 4241 8093 3064 7090 3378 7361 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428 2883 6944 4098 7979 4487 8295 4296 6659 1925 1926 6246 657 5292 453 5129 2985 7024 4337 8171 2381 6569 4394 8220 2753 2754 6843 32 33 4814
<ul><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	410011 416640 453983 420842 429707 447723 417370 406672 448493 445302 451598 434629 439130 443247 432481 417115 412564 429139 424829 427647 40028 432527 449028 432527 44903 432527 449139 424829 427647 40928 432527 44953 45613 45613 45613 457764 457776 457764 457776 4577776 457776 457776 457776 457776 457776 457776 457776 457776 4577776 457776 4577776 457777777777	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs ESTs ESTs ESTs ESTs ESTs ESTs ESTs	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW293799 AI041793 AK001404 M77640 AW411491 R31350 AI566356 AA461599 AI494291 234G AA3306 AF284221 t L12064 L36463 NM_004454	Hs.57856 Hs.13406 Hs.16450 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.4029 Hs.345588 Hs.4029 Hs.345583 Hs.151504 Hs.3334612 Hs.355934 Hs.366087 Hs.1 827 Hs.180059 Hs.4 5743 Hs.367649 Hs.102754 Hs.255238 Hs.1757 Hs.23459 Hs.1757 Hs.23459 Hs.7437 Hs.23459 Hs.7437 Hs.23459 Hs.7437 Hs.23459 Hs.348805 Hs.359506	4.8 4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 1485 5929 2606 6738 3905 7820 1105 5643 43 44 4820 4006 7903 33757 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428 2883 6944 4098 7979 4487 8295 2496 6659 1925 1926 6246 657 5292 4487 8295 2496 6659 1925 1926 6246 657 5292 4487 8295 2496 6659 1925 1926 6246 657 5292 4487 8295 2496 6659 1925 1926 6246 657 5292 4487 8295 2496 6659 1925 1926 6246 657 5292 4487 8295 2496 6659 1925 1926 6246 657 5292 4487 8295 2496 6659 1925 1926 6246 657 5292 4487 8295 2496 6659 1925 1926 6246 657 5292 4487 8295 2496 6659 1925 1926 6246 657 5292 4487 8295 2496 6659 1925 1926 6246 657 5292 4487 8295 2496 6659 1925 1926 6246 657 5292 4457 8457 8457 8457 8457 8457 8457 8457 8457
<ul><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li><li>80</li></ul>	410011 416640 453983 420842 429707 447232 417370 406672 448493 445302 451598 434629 439130 443247 432481 417115 412564 429139 427647 408482 440028 432527 449595 454071 42897 427647 4289 437647 4289 437647 44963 410342 433513 452613 427876 453139 410342 433513 456181 406636 456181 408209 418452	PFTAIRE protein kinase 1 neuron-specific protein ESTs hypothetical protein MGC10986 matrix metalloproteinase 23B interleukin 10 receptor, alpha tryptophanyl-tRNA synthetase major histocompatibility complex, class ESTs hypothetical protein FLJ10675 ESTs glioma-amplified sequence-41 ESTs c-Myc target JPO1 intron of collagen, type XI, alpha 1 small nuclear ribonucleoprotein polypep cardiac ankyrin repeat protein ESTs nerve growth factor receptor (TNFR supe Homo sapiens cDNA FLJ20653 fis, clone adenosine A2b receptor ESTs, Weakly similar to T17227 hypothet ESTs ESTs ESTs ESTs ESTs ESTs ESTs ESTs	AB020641 BE262478 H94997 AI083668 W76631 AW499834 T28651 M26041 AI524124 AK001537 N29102 AA789081 AA306090 BE614387 AW451645 AW952792 X83703 F09092 NM_002507 K W19744 NM_000676 AW473675 AW975028 AW293799 AI041793 AK001404 M77640 AW411491 R31350 AI566356 AA461599 AI494291 234G AA3306 AF284221 t L12064 L36463 NM_004454 BE379749	Hs.57856 Hs.13406 Hs.16450 Hs.16450 Hs.50601 Hs.211819 Hs.327 Hs.374466 Hs.198253 Hs.270307 Hs.12488 Hs.79658 Hs.4029 Hs.345588 Hs.4029 Hs.345588 Hs.333893 Hs.151504 Hs.334612 Hs.36087 Hs.1827 Hs.180059 Hs.4 5743 Hs.102754 Hs.255238 Hs.42502 Hs.345689 Hs.1757 Hs.75069 Hs.743 Hs.1757 Hs.75069 Hs.743 Hs.171437 Hs.23459 Hs.369171 Ls.20 Hs.348805 Hs.59506 Hs.1030 Hs.4 3697 Hs.4 5697 Hs.85201	4.8 4.8 4.8 4.8 4.8 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	406 407 5096 1019 5576 4476 8286 4476 8286 4485 5929 2606 6738 3905 7820 1105 5543 43 44 4820 4006 7903 3767 3758 7699 4241 8093 3064 7090 3378 7361 3611 7578 2876 6938 1081 5622 606 607 5251 2517 6675 2007 2008 6303 2354 6548 226 227 4959 3446 7428 2883 6944 4098 7979 4487 8295 2496 6659 1925 1926 6246 657 5292 453 5129 2985 7024 4337 8171 2381 6569 4394 8220 2753 2754 6843 32 33 4814 4516 4517 8321 204 205 4944 1241 5744

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                                                                          Hs 73964
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4.5
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                                                                          Hs.2 35935
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                                                                          Hs.90691
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                                                              AA431323
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peroxisome proliferative activated rece
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10
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                                                                                       4.5
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                                                                           Hs.102948
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                                                                          Hs.343475
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15
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                                                                                       4.4
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                                                                                       4.4
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                                                                                                    3157 3158 7166
          435854
                                                              AJ278120
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                                                                                       4.4
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                                                                                       4.3
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                                                                          Hs.108636
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                                                                           Hs.3080
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                                                                          Hs.334370
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1304 5792
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                                                                          Hs.112885
                                                                                       4.2
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                                                              AL035864
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                                                                          Hs.135159
                                                                                       4.1
          428242
                       leukemia inhibitory factor (cholinergic
                                                             H55709
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45
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                                                                                       4.1
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          448425
                       ESTs
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                                                                           Hs.371249
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                                                                                       4.1
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50
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4249 4250 8100
1123 1124 5656
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                                                              U52682
                                                                          Hs 82132
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                                                                                       3.9
                                                                                                     4761
55
          452319
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                                                              M99435
                                                                          Hs.28935
                                                                                       3.7
                                                                                                    4313 4314 8152
          424326
                       ADAM-like disintegrin protease, decysin
                                                             NM_014479 Hs.1 45296
                                                                                                    1934 1935 6252
          407178
                       AP-2 beta transcription factor
                                                             AA195651
                                                                          Hs.352312
                                                                                       3.6
                                                                                                    118 4870
          419762
                       FSTs
                                                                                                   1387 5855
822 823 5425
631 632 5269
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                                                             1141635
                                                                          Hs 76228
                                                                                       3.5
60
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                                                                                       3.3
          453665
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                                                                                       3.1
                                                                                                    4434 8253
          429329
                                                             AA456140
                                                                          Hs.99235
                                                                                                    2547 6699
          429921
                       collagen, type XI, alpha 1
                                                              AA526911
                                                                          Hs.82772
                                                                                                    2620 6749
          406367
                       NM_022357:Homo sapiens putative metallo
                                                                                                     4804
65
          TABLE 7B:
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                             Unique Eos probeset identifier number
          CAT number:
                             Gene cluster number
70
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459702
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80
          TABLE 7C:
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                             Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled
85
                             sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.
          Strand:
                             Indicates DNA strand from which exons were predicted.
```

	Nt_position:	Indicates	nucleotide positions of p	predicted exons	i.		
	Pkey	Ref	Strand N	It_position			
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	403088	8954241		69894-170193,	170504-17080	6	
	400499	9796071	Minus 1	48495-148806			
	403593	6862650		2554-62712,69	449-69602		
10	400651	8117978		1488-81646			
10	401781 401780	7249190		3215-83435,83			
	401780	7249190 8954241		8397-28617,28 36688-137096	920-29045,29	35-29296,29	41
	403081	8954241		55749-156048,	156142-15645	9	
	401203	9743387		72961-173056,			
15	403087	8954241	Plus 1	69511-169795			
	406519	3962489		4617-34928			
	402621	9930950		30806-131036			
	406387 401797	9256180 6730720		16229-116371, 973-7118	11/512-11/65	1	
20	403903	7710671		01165-102597			
	403086	8954241		69170-169412			
	402992	7767907		2137-42515	•		
	401771	9966243		66897-167099			
25	403074	8954241		43375-143561			
23	404030	7671252		49362-151749			
	405681 403857	4544348 7708910		9420-79605 524-3408			
	403291	7230870		5177-95435			
• •	402994	2996643		727-4969			
30	402855	9662953		9763-59909			
	403171	9838164		4502-74703			
	404815	5911819		4494-64691			
	406367	9256126	Minus 5	8313-58489			
35							
	TABLE 8A						
	Pkey:	Ur	nique Eos probeset iden	tifier number			<del></del>
40	Gene name:	Unigene gene tit					
40	Accession:		sion number, Genbank a	accession numb	er		
	UniGene: RATIO:	Unigene number		a dividad by the	E0th normantil		oft tissue Als, where the 10th percentile of normal tissue Als was
	TOTALO.		both the numerator and		: John percestal	e or normal sc	on ussue Als, where the Toth percentile of normal ussue Als was
	SEQ ID #:		protein sequences prov		search purpose	es	
45							
	Pkey	Gene Name		Accession	UniGene	RATIO	SEQ ID#
	413778 409601		ypeptide 2, regulatory molytic hyperkeratosis	AA090235 AF237621	Hs.75535 Hs.80828	29.6 24.1	740 5356 365 366 5064
	425545		lone MGC:12401, mRN		Hs.158295	21.9	2114 6379
50	417153		alpha 1 (primary ost	X57010	Hs.81343	21.5	1084 1085 5625
	426300	delta-like homolo		U15979	Hs.169228	20.7	2196 2197 6437
	441134		cid-binding protein	W29092	Hs.346950	20.6	3500 7475
	439496		Similar to RIKEN cDNA 1		Hs.32343	19.7	3402 7385
55	431103 426752	titin	arin binding growth fa	M57399 X69490	Hs.44 Hs.172004	19.3 19.1	2748 2749 6840 2266 2267 6482
55	412519	troponin T1, skel	letal, slow	AA196241	Hs.73980	18.6	598 5244
	422424	prostate different		AI186431	Hs.296638	17.4	1681 6070
	452838		oressed antigen in mel	U65011	Hs.30743	16.9	4357 4358 8188
60	406704		olypeptide 7, cardiac mu		Hs.929	16.9	55 56 4826
60	400440 407013	nebulin	in mRNA, partial cds	X83957 U35637	Hs.83870	16.5	24 25 4627
	406687		oteinase 11 (stromelysi	M31126	Hs.83870 Hs.352054	16.2 15.8	94 95 4851 49 50 4823
	424687		oteinase 9 (gelatinase	J05070	Hs.151738	15.7	1986 1987 6289
	407245	titin		X90568		15.1	132 133 4881
65	422640	troponin C, slow		M37984		15.0	1718 1719 6099
	432874	melanoma inhibit		W94322		14.9	2913 6968
	414219 448731	ALL1-rused gene ESTs	e from chromosome 1q	W20010	Hs.75823	14.8	789 5397 4030 7033
	453857		escence 1 (RIS1)	AI522273 AL080235	Hs.173179 Hs.35861	14.7 14.5	4030 7922 4449 4450 8266
70	420783		e-binding, soluble, 7	AI659838	Hs.99923	14.4	1478 5924
	417070	titin	<b>g</b> ,,	Z19077		14.4	1070 5614
	428305	cartilage linking		AA446628		14.3	2426 6607
	429359		oteinase 14 (membrane-		Hs.2399	13.9	2551 6702
75	426600 417389		th factor inducible growth-promoting facto	NM_003378		13.5	2255 2256 6475 1109 5647
15	422069	titin-cap (telethor		BE260964 AJ010063	Hs.82045 Hs.343603	13.3 12.9	1635 1636 6037
	417866	collagen, type XI		AW067903	Hs.82772	12.8	1162 5685
	419875	proenkephalin		AA853410	Hs.93557	12.7	1391 5859
QΛ	413278		ated protein, 15 kDa	BE563085		12.4	695 5322
80	413278 416373	ESTs, Weakly size	milar to S12658 cysteine	AA195845	Hs.73680	12.4	996 5559
80	413278 416373 413031	ESTs, Weakly siz phosphofructoking	milar to S12658 cysteine	BE515051	Hs.73680 Hs.75160	12.4 12.4	996 5559 671 5304
80	413278 416373 413031 427335	ESTs, Weakly sin phosphofructokin G antigen 7B	milar to S12658 cysteine	AA195845 BE515051 AA448542	Hs.73680 Hs.75160 Hs.278444	12.4 12.4 12.3	996 5559 671 5304 2317 6520
	413278 416373 413031	ESTs, Weakly siz phosphofructoking	milar to S12658 cysteine nase, muscle	BE515051	Hs.73680 Hs.75160 Hs.278444 Hs.112457	12.4 12.4	996 5559 671 5304 2317 6520 1588 6000
80 85	413278 416373 413031 427335 421773 440274 422887	ESTs, Weakly sir phosphofructokin G antigen 7B ESTs scrapie responsiv ESTs	milar to S12658 cysteine nase, muscle ve protein 1	AA195845 BE515051 AA448542 W69233 R24595 AJ751848	Hs.73680 Hs.75160 Hs.278444 Hs.112457 Hs.7122 Hs.49215	12.4 12.4 12.3 12.1 11.9 11.8	996 5559 671 5304 2317 6520 1588 6000 3464 7443 1755 6124
	413278 416373 413031 427335 421773 440274	ESTs, Weakly six phosphofructokin G antigen 7B ESTs scrapie responsiv	milar to S12658 cysteine nase, muscle ve protein 1	AA195845 BE515051 AA448542 W69233 R24595	Hs.73680 Hs.75160 Hs.278444 Hs.112457 Hs.7122 Hs.49215	12.4 12.4 12.3 12.1 11.9	996 5559 671 5304 2317 6520 1588 6000 3464 7443

	422106	Fc fragment of IgG binding protein	D84239	Hs.111732	11.8	1646 1647 6044
	450098	hypothetical protein FLJ21080	W27249	Hs.8109	11.7	4134 8009
	422871	collagen, type XI, alpha 2	AL031228	Hs.121509	11.7	1753 1754 6123
_	417308	KIAA0101 gene product	H60720	Hs.81892	11.7	1094 5634
5	438549	trinucleotide repeat containing 3	BE386801	Hs.21858	11.6	3331 7320
_	448719	trinucleotide repeat containing 3	AA033627	Hs.21858	11.5	4028 7920
			771000021	115.2 1000		
	405001	interleukin enhancer binding factor 1			11.3	4767
	452620	ESTs	AA436504	Hs.119286	11.3	4338 8172
	413554	secretogranin II (chromogranin C)	AA319146	Hs.75426	11.2	729 5346
10						
10	431553	cartilage linking protein 1	X78075	Hs.2799	11.2	2792 6874
	418399	hypothetical protein FLJ12442	AF131781	Hs.84753	11.2	1232 1233 5738
	417515	ataxia-telangiectasia group D-associate	L24203	Hs.82237	11.1	1129 1130 5659
	431211	gap junction protein, beta 2, 26kD (con	M86849	Hs.323733	10.9	2762 2763 6850
1.5	422599	non-metastatic cells 1, protein (NM23A)	BE387202	Hs.118638	10.8	1710 6092
15	428411	ESTs	AW291464	Hs.10338	10.8	2439 6617
	425247	matrix metalloproteinase 11 (stromelysi	NM_005940		10.7	2072 2073 6351
	420208	silver (mouse homolog) like	BE276055	Hs.95972	10.7	1431 5891
	419741	ubiquitin carrier protein E2-C	NM_007019	Hs.9 3002	10.6	- 1379 1380 5850
	431360	loricrin	NM_000427		10.6	2776 2777 6861
20		and the second s				
20	425308	receptor tyrosine kinase-like orphan re	M97639	Hs.155585	10.6	2087 2088 6362
	425154	collagen, type IX, alpha 1	NM_001851	Hs.1 54850	10.5	2055 2056 6339
	404977	Insulin-like growth factor 2 (somatomed			10.4	4766
			AL 0000C0	U= C000		
	440099	DKFZP564G202 protein	AL080058	Hs.6909	10.4	3453 3454 7434
~~	428311	tryptophan 2,3-dioxygenase	NM_005651	Hs.1 83671	10.3	2429 2430 6609
25	434060	hypothetical protein PRO1489	AA744902	Hs.197922	10.3	3025 7058
	410621	titin	AA194329	Hs.172004	10.1	481 5149
	428398	ESTs	AI249368	Hs.98558	10.1	2435 6614
	447377	transcription factor AP-2 alpha	X77343	Hs.334334	10.1	3920 3921 7831
	419550	KIAA0128 protein; septin 2	D50918	Hs.90998	10.0	1348 1349 5827
30						
30	429294	Homo sapiens cDNA: FLJ22463 fis, clone		Hs.198793	10.0	2540 6693
	412636	desmoplakin (DPI, DPII)	NM_004415	Hs.3 49499	10.0	618 619 5259
	427666	calmodulin-like skin protein (CLSP)	AI791495	Hs.180142	9.9	2356 6550
	419762	ESTs	Al608647	Hs.32374	9.9	1387 5855
2.5	449048	similar to S68401 (cattle) glucose indu	Z45051	Hs.22920	9.8	4061 7945
35	401781	Target Exon			9.8	4662
	405443	Target Exon			9.8	4782
	428248	ESTs	A1126772	Hs.40479	9.7	2414 6596
	450375	a disintegrin and metalloproteinase dom	AA009647	Hs.352537	9.7	4159 8028
	409169	(clone PWHLC2-24) myosin light chain 2		Hs.50889	9.7	316 5029
40						
40	416658	fibrillin 2 (congenital contractural ar	U03272	Hs.79432	9.6	1020 1021 5577
	439180	v-erb-b2 avian erythroblastic leukemia	Al393742	Hs.199067	9.6	3380 7363
	417333	bromodomain and PHD finger containing,	AI 157545	Hs.173179	9.6	1096 5636
	415166	carboxypeptidase Z	NM_003652	HS./ 0000	9.6	913 914 5491
4.5	403088	NM_003319*:Homo sapiens titin (TTN), m	ìR		9.5	4707
45	418391	troponin I, skeletal, slow	NM_003281	Hs 8 4673	9.5	1228 1229 5736
	427863		AF189712			2378 2379 6567
		MLL septin-like fusion		Hs.181002	9.5	
	440704	insulin-like growth factor binding prot	M69241	Hs.162	9.4	3482 3483 7459
	414024	gb:zm79g08.r1 Stratagene neuroepitheliu	AA134712	Hs.22410	9.4	769 5379
50	414024 417930	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei	AA134712 in, H81136	Hs.22410 Hs.334604	9.4 9.4	769 5379 1169 5691
50	414024	gb:zm79g08.r1 Stratagene neuroepitheliu	AA134712	Hs.22410	9.4 9.4 9.4	769 5379
50	414024 417930	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di	AA134712 in, H81136	Hs.22410 Hs.334604	9.4 9.4	769 5379 1169 5691
50	414024 417930 424825 421733	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac	AA134712 in, H81136 AF207069 AL119671	Hs.22410 Hs.334604 Hs.153357 Hs.1420	9.4 9.4 9.4 9.3	769 5379 1169 5691 2005 2006 6302 1585 5997
50	414024 417930 424825 421733 406707	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m	AA134712 in, H81136 AF207069 AL119671 S73840	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931	9.4 9.4 9.4 9.3 9.3	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829
50	414024 417930 424825 421733 406707 445016	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin	AA134712 in, H81136 AF207069 AL119671 S73840 U79716	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246	9.4 9.4 9.4 9.3 9.3 9.3	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684
	414024 417930 424825 421733 406707	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m	AA134712 in, H81136 AF207069 AL119671 S73840	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931	9.4 9.4 9.4 9.3 9.3	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829
	414024 417930 424825 421733 406707 445016 409125	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles	AA134712 in, H81136 AF207069 AL119671 S73840 U79716 R17268	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.343567	9.4 9.4 9.4 9.3 9.3 9.3 9.3	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024
50 55	414024 417930 424825 421733 406707 445016 409125 421116	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles retinol-binding protein 1, cellular	AA134712 in, H81136 AF207069 AL119671 S73840 U79716 R17268 T19132	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.343567 Hs.101850	9.4 9.4 9.3 9.3 9.3 9.3 9.3 9.2	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024 1508 5947
	414024 417930 424825 421733 406707 445016 409125 421116 416349	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles retinol-binding protein 1, cellular myomesin (M-protein) 2 (165kD)	AA134712 in, H81136 AF207069 AL119671 S73840 U79716 R17268 T19132 X69089	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.343567 Hs.101850 Hs.79227	9.4 9.4 9.3 9.3 9.3 9.3 9.2 9.2	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024 1508 5947 991 992 5556
	414024 417930 424825 421733 406707 445016 409125 421116	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles retinol-binding protein 1, cellular myomesin (M-protein) 2 (165kD) KIAA0128 protein; septin 2	AA134712 in, H81136 AF207069 AL119671 S73840 U79716 R17268 T19132 X69089 AA828347	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.343567 Hs.101850 Hs.79227 Hs.90998	9.4 9.4 9.3 9.3 9.3 9.3 9.3 9.2	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024 1508 5947
	414024 417930 424825 421733 406707 445016 409125 421116 416349	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles retinol-binding protein 1, cellular myomesin (M-protein) 2 (165kD) KIAA0128 protein; septin 2	AA134712 in, H81136 AF207069 AL119671 S73840 U79716 R17268 T19132 X69089 AA828347	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.343567 Hs.101850 Hs.79227	9.4 9.4 9.3 9.3 9.3 9.3 9.2 9.2	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024 1508 5947 991 992 5556 1148 5673
55	414024 417930 424825 421733 406707 445016 409125 421116 416349 417689 456508	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles retinol-binding protein 1, cellular myomesin (M-protein) 2 (165kD) KIAA0128 protein; septin 2 ESTs, Weakly similar to AF208855 1 BM-1	AA134712 in, H81136 AF207069 AL119671 S73840 U79716 R17268 T19132 X69089 AA828347 0 AA502764	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.343567 Hs.101850 Hs.79227 Hs.90998 Hs.123469	9.4 9.4 9.3 9.3 9.3 9.3 9.3 9.2 9.2 9.2 9.2	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024 1508 5947 991 992 5556 1148 5673 4521 8325
55	414024 417930 424825 421733 406707 445016 409125 421116 416349 417689 456508 435968	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles retinol-binding protein 1, cellular myomesin (M-protein) 2 (165kD) KIAA0128 protein; septin 2 ESTs, Weakly similar to AF208855 1 BM-integral membrane protein 3	AA134712 in, H81136 AF207069 AL119671 S73840 U79716 R17268 T19132 X69089 AA828347 0 AA502764 AW161481	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.343567 Hs.101850 Hs.79227 Hs.90998 Hs.123469 Hs.111577	9.4 9.4 9.3 9.3 9.3 9.3 9.2 9.2 9.2 9.2 9.1	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024 1508 5947 991 992 5556 1148 5673 4521 8325 3165 7173
	414024 417930 424825 421733 406707 445016 409125 421116 416349 417689 456508 435968 428405	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles retinol-binding protein 1, cellular myomesin (M-protein) 2 (165kD) KIAA0128 protein; septin 2 ESTs, Weakly similar to AF208855 1 BM-tintegral membrane protein 3 cholinergic receptor, nicotinic, alpha	AA134712 in, HB1136 AF207069 AL119671 S73840 U79716 R17268 T19132 X69089 AA828347 0 AA502764 AW161481 Y00762	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.343567 Hs.101850 Hs.79227 Hs.90998 Hs.123469 Hs.111577 Hs.2266	9.4 9.4 9.3 9.3 9.3 9.3 9.2 9.2 9.2 9.1 9.1	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024 1508 5947 991 992 5556 1148 5673 4521 8325 3165 7173 2436 2437 6615
55	414024 417930 424825 421733 406707 445016 409125 421116 416349 417689 456508 435968 428405 415989	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di bibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles retinol-binding protein 1, cellular myomesin (M-protein) 2 (165kD) KIAA0128 protein; septin 2 ESTs, Weakly similar to AF208855 1 BM-lintegral membrane protein 3 cholinergic receptor, nicotinic, alpha ESTs	AA134712 in, HB1136 AF207069 AL119671 S73840 U79716 R17268 T19132 X69089 AA828347 0 AA502764 AW161481 Y00762 AI267700	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.343567 Hs.101850 Hs.79227 Hs.90998 Hs.123469 Hs.111577 Hs.2266 Hs.351201	9.4 9.4 9.3 9.3 9.3 9.3 9.2 9.2 9.2 9.1 9.1 9.0	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024 1508 5947 991 992 5556 1148 5673 4521 8325 3165 7173 2436 2437 6615 962 5530
55	414024 417930 424825 421733 406707 445016 409125 421116 416349 417689 456508 435968 428405	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di bibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles retinol-binding protein 1, cellular myomesin (M-protein) 2 (165kD) KIAA0128 protein; septin 2 ESTs, Weakly similar to AF208855 1 BM-lintegral membrane protein 3 cholinergic receptor, nicotinic, alpha ESTs	AA134712 in, HB1136 AF207069 AL119671 S73840 U79716 R17268 T19132 X69089 AA828347 0 AA502764 AW161481 Y00762 AI267700	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.343567 Hs.101850 Hs.79227 Hs.90998 Hs.123469 Hs.111577 Hs.2266 Hs.351201	9.4 9.4 9.3 9.3 9.3 9.3 9.2 9.2 9.2 9.1 9.1 9.0	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024 1508 5947 991 992 5556 1148 5673 4521 8325 3165 7173 2436 2437 6615
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<ul><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	414024 417930 424825 421733 406707 445016 409125 421116 416349 417689 456508 435968 428405 415989 443426 453597 421815 434352 452223 409178 418113 408915 412719 458079 412276 428087 43347 428928 416072 414416 418390 442573	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 proterprocollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles retinol-binding protein 1, cellular myomesin (M-protein) 2 (165kD) KIAA0128 protein; septin 2 (165kD) KIAA0128 protein; septin 2 (155kD) KIAGO128 protein 3 (155kD) KIAGO128 protein 3 (155kD) KIAGO128 protein 1 (155kD) KIAGO128 protein 3 (155kD) KIAGO128 protein 3 (155kD) KIAGO128 protein 3 (155kD) KIAGO128 protein CH1 small muscle protein CH1 small muscle protein MGC2827 kallikrein 5 microfibrillar-associated protein 2 SRY (sex determining region Y)-box 4 heptacellular carcinoma novel gene-3 pr ESTs Homo sapiens similar to RIKEN cDNA 28 macrophage migration inhibitory factor troponin C2, fast neuronal pentraxin II cadherin 1, type 1, E-cadherin (epithel growth associated protein MGC2721 titin immunoglobulin domain protein (my branched chain aminotransferase 1, cyto	AA134712 in, H61136 AF207069 AL119671 S73840 U79716 R17268 T19132 X69089 AA828347 0 AA502764 AW161481 Y00762 A1267700 AF098158 BE281130 AW592146 AF129505 AA425467 BE393948 BE613836 A1272141 NM_016651 AW016610 10 AI796870 BE262621 AA100573 U29195 BE409838 AL110370 AW409985 AH133820 H93366	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.931 Hs.101850 Hs.79227 Hs.90998 Hs.123469 Hs.111577 Hs.2266 Hs.3351201 Hs.9329 Hs.381118 Hs.108636 Hs.50915 Hs.8035 Hs.50915 Hs.8035 Hs.8035 Hs.8040 Hs.816 Hs.848950 Hs.816 Hs.381220 Hs.381220 Hs.381220 Hs.3816 Hs.38484 Hs.4 8950 Hs.816 Hs.3816 Hs.3816 Hs.3816 Hs.3816 Hs.38484 Hs.4 8950 Hs.816 Hs.384665 Hs.75676 Hs.75000 Hs.76084 Hs.84665 Hs.7567 Hs.25010	9.4 9.4 9.3 9.3 9.3 9.2 9.2 9.1 9.1 9.0 9.0 9.0 9.0 8.9 8.9 8.8 8.8 8.7 8.6 8.6 8.5 8.5 8.5 8.5 8.5	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024 1508 5947 991 992 5556 1148 5673 4521 8325 3165 7173 2436 2437 6615 962 5530 3621 3622 7586 4429 8249 1598 6009 3047 3048 7075 4302 8142 319 5032 1196 5713 1194 5711 274 275 4998 633 5270 4566 8363 580 5229 2396 6582 2980 2981 7021 2489 6654 969 5537 813 5417 1226 1227 5735 3570 7541
<ul><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	414024 417930 424825 421733 406707 445016 409125 421116 416349 417689 456508 435968 435968 428405 415989 443426 453597 421815 434352 452223 409178 418140 418113 408915 412719 458079 411814 41819 418216 428087 428087 43447 428928 416072 414416 418390 442573 450447 417435	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protei procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles retinol-binding protein 1, cellular myomesin (M-protein) 2 (165kD) KIAA0128 protein; septin 2 ESTs, Weakly similar to AF208855 1 BM-lintegral membrane protein 3 cholinergic receptor, nicotinic, alpha ESTs chromosome 20 open reading frame 1 myo-inositol 1-phosphate synthase A1 membrane protein CH1 small muscle protein, X-linked hypothetical protein MGC2827 kallikrein 5 microfbrillar-associated protein 2 SRY (sex determining region Y)-box 4 heptacellular carcinoma novel gene-3 pr ESTs Homo sapiens similar to RIKEN cDNA 28 macrophage migration inhibitory factor troponin C2, fast neuronal pentraxin II cadherin 1, type 1, E-cadherin (epithel growth associated protein 43 hypothetical protein MGC2721 titin immunoglobulin domain protein (my branched chain aminotransferase 1, cyto hypothetical protein P15-2 carbonic anhydrase III, muscle specific	AA134712 in, H61136 AF207069 AL119671 S73840 U79716 R17268 T19132 X69089 AA828347 0 AA502764 AW161481 Y00762 A1267700 AF098158 BE281130 AW592146 AF129505 AA425467 BE393948 BE613836 AW72141 NM_016651 AW016610 ID A1796870 BE262621 AA100573 U29195 BE409838 AL110370 AW409985 AF133820 H93366 AF212223	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.931 Hs.101850 Hs.79227 Hs.90998 Hs.123469 Hs.111577 Hs.2266 Hs.3351201 Hs.9329 Hs.381118 Hs.108636 Hs.50915 Hs.8035 Hs.50915 Hs.8035 Hs.8035 Hs.8040 Hs.816 Hs.848950 Hs.816 Hs.381220 Hs.381220 Hs.381220 Hs.3816 Hs.38484 Hs.4 8950 Hs.816 Hs.3816 Hs.3816 Hs.3816 Hs.3816 Hs.38484 Hs.4 8950 Hs.816 Hs.384665 Hs.75676 Hs.75000 Hs.76084 Hs.84665 Hs.7567 Hs.25010	9.4 9.4 9.3 9.3 9.3 9.3 9.2 9.2 9.2 9.1 9.0 9.0 9.0 9.0 9.0 9.0 8.9 8.9 8.8 8.8 8.7 8.6 8.6 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024 1508 5947 991 992 5556 1148 5673 4521 8325 3165 7173 2436 2437 6615 962 5530 3621 3622 7586 4429 8249 1598 6009 3047 3048 7075 4302 8142 319 5032 1196 5713 1194 5711 274 275 4998 633 5270 4566 8363 580 5229 2396 6582 2980 2981 7021 2489 6654 969 5537 813 5417 1226 1227 5735 3570 7541 4168 4169 8036 1121 1122 5655
<ul><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	414024 417930 424825 421733 406707 445016 409125 421116 416349 417689 456508 435968 428405 415989 443426 453597 421815 434352 452233 409178 418113 408915 41276 428087 43347 428928 416072 414416 418390 442573 450292	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 proter procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles retinol-binding protein 1, cellular myomesin (M-protein) 2 (165kD) KIAA0128 protein; septin 2 ESTs, Weakly similar to AF208855 1 BM-lintegral membrane protein 3 cholinergic receptor, nicotinic, alpha ESTs chromosome 20 open reading frame 1 myo-inositol 1-phosphate synthase A1 membrane protein CH1 small muscle protein, X-linked hyoothetical protein MGC2827 kallikrein 5 microfibrillar-associated protein 2 SRY (sex determining region Y)-box 4 heptacellular carcinoma novel gene-3 pr ESTs Homo sapiens similar to RIKEN cDNA 28 macrophage migration inhibitory factor troponin C2, fast neuronal pentraxin II cadherin 1, type 1, E-cadherin (epithel growth associated protein MGC2721 titin immunoglobulin domain protein (my branched chain aminotransferase 1, cyto hypothetical protein P15-2 carbonic anhydrase III, muscle specific Target Exon	AA134712 in, H61136 AF207069 AL119671 S73840 U79716 R17268 T19132 X69089 AA828347 0 AA502764 AW161481 Y00762 A1267700 AF098158 BE281130 AW592146 AF129505 AA425467 BE393948 BE613836 AI272141 NM_016651 AW016610 10 AI796870 BE262621 AA100573 U29195 BE409838 AL110370 AW409985 AF133820 H93366 AF212223 NM_005181	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.931 Hs.101850 Hs.79227 Hs.101850 Hs.79227 Hs.266 Hs.11577 Hs.2266 Hs.341187 Hs.351201 Hs.9329 Hs.381118 Hs.108636 Hs.86492 Hs.8035 Hs.50915 Hs.83551 Hs.83484 Hs.4 8950 Hs.816 Hs.48665 Hs.73798 Hs.182421 Hs.3281 Hs.194657 Hs.79000 Hs.76084 Hs.84665 Hs.76084 Hs.84655 Hs.7567 Hs.25010 Hs.82129	9.4 9.4 9.4 9.3 9.3 9.3 9.2 9.2 9.2 9.1 9.0 9.0 9.0 9.0 9.0 8.9 8.9 8.8 8.8 8.7 8.6 8.6 8.5 8.5 8.5 8.5 8.5 8.4 8.4	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024 1508 5947 991 992 5556 1148 5673 2436 2437 6615 962 5530 3621 3622 7586 4429 8249 1598 6009 3047 3048 7075 4302 8142 319 5032 1196 5713 1194 5711 274 275 4998 633 5270 4566 8363 580 5229 2396 6582 2980 2981 7021 2489 6654 969 5537 813 5417 1226 1227 5735 3570 7541 4168 4169 8036 1121 1122 5655 4700
<ul><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li><li>80</li></ul>	414024 417930 424825 421733 406707 445016 409125 421116 416349 417689 456508 435968 428405 415989 443426 453597 421815 434352 452223 409178 418113 408915 412719 458079 412276 428087 43347 428928 416072 414416 418390 442573 450447 417435 402992 421579	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protein procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles retinol-binding protein 1, cellular myomesin (M-protein) 2 (165kD) KIAA0128 protein; septin 2 (165kD) KIAA0128 protein; septin 2 (165kD) KIAGO128 protein (175kD) AFD (175kD)	AA134712 in, H61136 AF207069 AL119671 S73840 U79716 R17268 T19132 X69089 AA828347 0 AA502764 AW161481 Y00762 A1267700 AF098158 BE281130 AW592146 AF129505 AA425467 BE393948 BE613836 AI272141 NM_016651 AW016610 10 AI796870 BE262621 AA100573 U29195 BE409888 AL110370 AW40985 AF133820 H93366 AF212223 NM_005181 NM_002975	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.931 Hs.101850 Hs.79227 Hs.101850 Hs.79227 Hs.2066 Hs.73269 Hs.111577 Hs.2266 Hs.3484 Hs.186369 Hs.381118 Hs.108636 Hs.86492 Hs.8035 Hs.50915 Hs.83551 Hs.83811 Hs.83811 Hs.84824 Hs.4 8950 Hs.816 Hs.8484 Hs.4 8950 Hs.816 Hs.84865 Hs.7567 Hs.3291 Hs.3291 Hs.3291 Hs.37798 Hs.182421 Hs.3291 Hs.381200 Hs.76084 Hs.84665 Hs.7567 Hs.25010 Hs.8 2129 Hs.1 05927	9.4 9.4 9.3 9.3 9.3 9.2 9.2 9.1 9.1 9.0 9.0 9.0 9.0 9.0 9.0 9.0 8.9 8.9 8.8 8.8 8.6 8.6 8.5 8.5 8.5 8.5 8.4 8.4 8.4 8.4 8.5 8.5 8.5 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024 1508 5947 991 992 5556 1148 5673 4521 8325 3165 7173 2436 2437 6615 962 5530 3621 3622 7586 4429 8249 1598 6009 3047 3048 7075 4302 8142 319 5032 1194 5711 274 275 4998 633 5270 4568 8363 580 5229 2396 6582 2980 2981 7021 2489 6654 969 5537 813 5417 1226 1227 5735 3570 7541 4168 4169 8036 1121 1122 5655 4700 1567 1568 5987
<ul><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	414024 417930 424825 421733 406707 445016 409125 421116 416349 417689 456508 435968 428405 415989 443426 453597 421815 434352 452233 409178 418113 408915 41276 428087 43347 428928 416072 414416 418390 442573 450292	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 proter procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles retinol-binding protein 1, cellular myomesin (M-protein) 2 (165kD) KIAA0128 protein; septin 2 ESTs, Weakly similar to AF208855 1 BM-lintegral membrane protein 3 cholinergic receptor, nicotinic, alpha ESTs chromosome 20 open reading frame 1 myo-inositol 1-phosphate synthase A1 membrane protein CH1 small muscle protein, X-linked hyoothetical protein MGC2827 kallikrein 5 microfibrillar-associated protein 2 SRY (sex determining region Y)-box 4 heptacellular carcinoma novel gene-3 pr ESTs Homo sapiens similar to RIKEN cDNA 28 macrophage migration inhibitory factor troponin C2, fast neuronal pentraxin II cadherin 1, type 1, E-cadherin (epithel growth associated protein MGC2721 titin immunoglobulin domain protein (my branched chain aminotransferase 1, cyto hypothetical protein P15-2 carbonic anhydrase III, muscle specific Target Exon	AA134712 in, H61136 AF207069 AL119671 S73840 U79716 R17268 T19132 X69089 AA828347 0 AA502764 AW161481 Y00762 A1267700 AF098158 BE281130 AW592146 AF129505 AA425467 BE393948 BE613836 AI272141 NM_016651 AW016610 10 AI796870 BE262621 AA100573 U29195 BE409838 AL110370 AW409985 AF133820 H93366 AF212223 NM_005181	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.931 Hs.101850 Hs.79227 Hs.101850 Hs.79227 Hs.266 Hs.11577 Hs.2266 Hs.341187 Hs.351201 Hs.9329 Hs.381118 Hs.108636 Hs.86492 Hs.8035 Hs.50915 Hs.83551 Hs.83484 Hs.4 8950 Hs.816 Hs.48665 Hs.73798 Hs.182421 Hs.3281 Hs.194657 Hs.79000 Hs.76084 Hs.84665 Hs.76084 Hs.84655 Hs.7567 Hs.825010 Hs.82129	9.4 9.4 9.4 9.3 9.3 9.3 9.2 9.2 9.2 9.1 9.0 9.0 9.0 9.0 9.0 8.9 8.9 8.8 8.8 8.7 8.6 8.6 8.5 8.5 8.5 8.5 8.5 8.4 8.4	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024 1508 5947 991 992 5556 1148 5673 2436 2437 6615 962 5530 3621 3622 7586 4429 8249 1598 6009 3047 3048 7075 4302 8142 319 5032 1196 5713 1194 5711 274 275 4998 633 5270 4566 8363 580 5229 2396 6582 2980 2981 7021 2489 6654 969 5537 813 5417 1226 1227 5735 3570 7541 4168 4169 8036 1121 1122 5655 4700
<ul><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li><li>80</li></ul>	414024 417930 424825 421733 406707 445016 409125 421116 416349 417689 456508 435968 428405 415989 443426 453597 421815 434352 452223 409178 418113 408915 412719 458079 412276 428087 43347 428928 416072 414416 418390 442573 450447 417435 402992 421579	gb:zm79g08.r1 Stratagene neuroepitheliu Homo sapiens mRNA for KIAA1870 protein procollagen-lysine, 2-oxoglutarate 5-di fibroblast growth factor receptor 3 (ac myosin, heavy polypeptide 2, skeletal m reelin axonal transport of synaptic vesicles retinol-binding protein 1, cellular myomesin (M-protein) 2 (165kD) KIAA0128 protein; septin 2 (165kD) KIAA0128 protein; septin 2 (165kD) KIAGO128 protein (175kD) AFD (175kD)	AA134712 in, H61136 AF207069 AL119671 S73840 U79716 R17268 T19132 X69089 AA828347 0 AA502764 AW161481 Y00762 A1267700 AF098158 BE281130 AW592146 AF129505 AA425467 BE393948 BE613836 AI272141 NM_016651 AW016610 10 AI796870 BE262621 AA100573 U29195 BE409888 AL110370 AW40985 AF133820 H93366 AF212223 NM_005181 NM_002975	Hs.22410 Hs.334604 Hs.153357 Hs.1420 Hs.931 Hs.12246 Hs.931 Hs.101850 Hs.79227 Hs.101850 Hs.79227 Hs.2066 Hs.73269 Hs.111577 Hs.2266 Hs.3484 Hs.186369 Hs.381118 Hs.108636 Hs.86492 Hs.8035 Hs.50915 Hs.83551 Hs.83811 Hs.83811 Hs.84824 Hs.4 8950 Hs.816 Hs.8484 Hs.4 8950 Hs.816 Hs.84865 Hs.7567 Hs.3291 Hs.3291 Hs.3291 Hs.37798 Hs.182421 Hs.3291 Hs.381200 Hs.76084 Hs.84665 Hs.7567 Hs.25010 Hs.8 2129 Hs.1 05927	9.4 9.4 9.3 9.3 9.3 9.2 9.2 9.1 9.1 9.0 9.0 9.0 9.0 9.0 9.0 9.0 8.9 8.9 8.8 8.8 8.6 8.6 8.5 8.5 8.5 8.5 8.4 8.4 8.4 8.4 8.5 8.5 8.5 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6	769 5379 1169 5691 2005 2006 6302 1585 5997 61 62 4829 3738 3739 7684 308 5024 1508 5947 991 992 5556 1148 5673 4521 8325 3165 7173 2436 2437 6615 962 5530 3621 3622 7586 4429 8249 1598 6009 3047 3048 7075 4302 8142 319 5032 1194 5711 274 275 4998 633 5270 4568 8363 580 5229 2396 6582 2980 2981 7021 2489 6654 969 5537 813 5417 1226 1227 5735 3570 7541 4168 4169 8036 1121 1122 5655 4700 1567 1568 5987

			. = = = = = = =			
	409103	XAGE-1 protein	AF251237	Hs.112208	8.3	304 305 5021
	417409	syndecan 1	BE272506	Hs.82109	8.3	1113 5650
	428484	solute carrier family 7 (cationic amino	AF104032	Hs.184601	8.3	2449 2450 6624
-	412104	Homo sapiens, Similar to RIKEN cDNA 22			8.3	569 5220
5	417900	CDC20 (cell division cycle 20, S. cerev	BE250127	Hs.82906	8.3	1165 5688
	449722	cyclin B1	BE280074	Hs.23960	8.2	4112 7990
	425227	ESTs	H84455	Hs.40639	8.2	2069 6348
	414821	Fc fragment of IgG, high affinity Ia, r	M63835	Hs.77424	8.2	876 877 5465
10	407824	Homo sapiens cDNA FLJ14388 fis, clone		Hs.9812	8.2	166 4910
10	418067	cystatin E/M	AI127958	Hs.83393	8.2	1189 5706
	457869	Homo sapiens, alpha-1 (VI) collagen	AU077186	Hs.108885	8.2	4561 8359
	409633	ESTs	AW449822	Hs.55200	8.1	371 5068
	412926	macrophage myristoylated alanine-rich C		Hs.75061	8.1	655 5290
15	426429	myosin-binding protein C, slow-type	X73114	Hs.169849	8.1	2224 2225 6456
13	440042	ESTS	Al073387	Hs.133898	8.1 8.1	3448 7430
	441636 421458	Homo sapiens mRNA; cDNA DKFZp566E carbohydrate (keratan sulfate Gal-6) su	NM_003654		8.0	3530 7502 1543 1544 5972
	427239	ubiquitin carrier protein	BE270447	Hs.356512	8.0	2311 6515
	413511	arginine-rich, mutated in early stage t	AI627178	Hs.75412	8.0	728 5345
20	411296		BE207307	Hs.10114	8.0	524 5183
	439979	hypothetical protein FLJ10430	AW600291	Hs.6823	8.0	3442 7424
	423575	intron of periostin (OSF-2os)	C18863	Hs.163443	7.9	1820 6173
	454140	hypothetical protein FLJ10474	AB040888	Hs.41793	7.9	4493 4494 8301
	428182	ESTs, Weakly similar to GGC1_HUMAN				2403 6588
25	440087	hypothetical protein FLJ22678	W28969	Hs.7718	7.9	3452 7433
	425234	ESTs, Weakly similar to I38022 hypothet	AW152225	Hs.165909	7.8	2070 6349
	400231	Eos Control		Hs.169476	7.8	4603
	407619	collagen, type IX, alpha 2	AL050341	Hs.37165	7.8	146 147 4892
20	410366	hypothetical protein	AI267589	Hs.302689	7.8	457 5133
30	406837	immunoglobulin kappa constant	R70292	Hs.156110	7.8	69 4836
	406782	gb:zw20f11.s1 Soares ovary tumor NbHO			7.8	65 4832
	431629	interferon, alpha-inducible protein (cl	AU077025	Hs.265827	7.8	2803 6881
	422867	cartilage oligomeric matrix protein (ps	L32137	Hs.1584	7.8	1751 1752 6122
35	408989	KIAA0746 protein	AW361666	Hs.49500	7.8	290 5010
33	420798	keratin 10 (epidermolytic hyperkeratosi	W93774	Hs.99936	7.7	1479 5925
	427378	melanoma antigen, family D, 1	BE515037	Hs.177556	7.7	2322 6523
	409041 447033	Hypothetical protein, XP_051860 (KIAA11 Predicted gene: Eos cloned; secreted w/		Hs.50081	7.7	299 300 5017
	423217	collagen, type VII, alpha 1 (epidermoly	Al357412 NM_000094	Hs.157601	7.7 7.7	3885 7802 1784 1785 6147
40	409096	sarcomeric muscle protein	AA194412	Hs.50550	7.7	302 5019
40	418506	Unknown protein for MGC:29643 (former		Hs.372651	7.7	1247 5748
	414152	thrombospondin 4	NM_003248		7.7	782 783 5391
	412140	RAB6 interacting, kinesin-like (rabkine	AA219691	Hs.73625	7.7	573 5223
	401780	NM_005557*:Homo sapiens keratin 16 (fo			7.7	4661
45	437696	hypothetical protein dJ37E16.5	Z83844	Hs.5790	7.6	3281 7274
	431958	cadherin 3, type 1, P-cadherin (placent	X63629	Hs.2877	7.6	2834 2835 6904
	433075	sortilin 1	NM_002959	Hs.3 51872	7.6	2936 2937 6987
	427747	serine/threonine kinase 12	AW411425	Hs.180655	7.6	2365 6557
50	444006	type I transmembrane protein Fn14	BE395085	Hs.334762	7.6	3668 7627
50	416378	ankyrin repeat domain 2 (stretch respon	AW044467	Hs.73708	7.6	997 5560
	409327	collagen, type IX, alpha 3	L41162	Hs.53563	7.6	341 342 5047
	429329	Homo sapiens pannexin 3 (PANX3)	AA456140	Hs.99235	7.5	2547 6699
	432481	intron of collagen, type XI, alpha 1	AW451645	Hs.151504	7.5	2876 6938
55	427474	aggrecan 1 (chondroitin sulfate proteog	U13192	Hs.2159	7.5	2334 6532
33	436481	HSPC150 protein similar to ubiquitin-co	AA379597	Hs.5199	7.5	3192 7197
	426363	transforming growth factor, beta 3	M58524	Hs.2025	7.5	2210 2211 6446
	451099 440650	interleukin 13 receptor, alpha 2	R52795	Hs.25954	7.5	4212 8071
	408536	Human DNA sequence from PAC 75N13 ( ESTs	AW381532		7.5 7.5	3477 7455 236 4967
60	412641	heat shock 90kD protein 1, beta	M16660	Hs.74335	7.5	620 621 5260
	421016	transcription factor 3 (E2A immunoglobu	AA504583	Hs.101047	7.4	1497 5937
	438746	Human melanoma-associated antigen p97		Hs.184727	7.4	3353 7337
	426509	pentaxin-related gene, rapidly induced	M31166	Hs.2050	7.4	2243 2244 6468
	439755	B7 homolog 3	AW748482	Hs.77873	7.4	3430 7413
65	453392	SRY (sex determining region Y)-box 11	U23752	Hs.32964	7.4	4416 4417 8239
	418203	CDC28 protein kinase 2	X54942	Hs.83758	7.4	1202 1203 5719
	412006	ESTs	AW451618	Hs.380683	7.3	565 5217
	414945	lymphocyte antigen 6 complex, locus E	BE076358	Hs.77667	7.3	894 5477
70	407656	Homo sapiens mRNA; cDNA DKFZp434B				148 4893
70	438949	abl-interactor 12 (SH3-containing prote	AA058571	Hs.285728	7.3	3369 7352
	413436	sphingosine kinase 1	AF238083	Hs.68061	7.3	721 722 5339
	410001	kallikrein 11	AB041036	Hs.57771	7.3	403 404 5094
	435793	KIAA1313 protein	AB037734	Hs.4993	7.3	3152 3153 7162
75	446051 426440	ephrin-A3 solute carrier family 2 (facilitated gl	BE048061 BE382756	Hs.37054 Hs.169902	7.3 7.3	3816 7744 2228 6458
, 5	444371	forkhead box M1	BE540274	Hs. 169902 Hs. 239	7.3 7.3	3696 7651
	449294	ESTs	AI651786	Hs.195045	7.3 7.3	4079 7961
	401673	C16001416*:gi]12743112 ref XP_010131.		113.133043	7.3 7.2	4658
	401797	Target Exon	-,		7.2 7.2	4663
80	412755	ESTs, Weakly similar to P4HA_HUMAN P	ROL BE14430	6 Hs.179891		637 5274
	424415	enolase 2, (gamma, neuronal)	NM_001975		7.2	1947 1948 6263
	401566	NM_005159:Homo sapiens actin, alpha, c			7.2	4654
	430713	eukaryotic translation elongation facto	AA351647	Hs.2642	7.2	2726 6824
0.5	432239	matrix metalloproteinase 13 (collagenas	X81334	Hs.2936	7.2	2856 2857 6921
85	438682	EBP50-PDZ interactor of 64 kD	AA354489	Hs.17719	7.2	3346 7331
	412939	eukaryotic translation elongation facto	AW411491	Hs.75069	7.2	657 5292
	412333	canal your translation crongation racto				

			<b></b>			
	453665	ESTs, Weakly similar to SFRB_HUMAN S			7.2	4434 8253
	428471	stratifin	X57348	Hs.184510	7.2	2445 2446 6622
	409893	minichromosome maintenance deficient (			7.2	397 5088
5	425397	topoisomerase (DNA) II alpha (170kD)	J04088	Hs.156346	7.2	2099 2100 6369
5	449226	KIAA0367 protein	AB002365	Hs.23311	7.2	4072 4073 7955
	421717	divalent cation tolerant protein CUTA	AF230924	Hs.107187	7.2	1583 1584 5996
	437898	ESTs	W81260	Hs.43410	7.1	3293 7286
	413011	biglycan	AW068115	Hs.821	7.1	669 5302
10	421307 435652	Homo sapiens mRNA; cDNA DKFZp434B		Hs.334370	7.1 7.1	1528 5963 3142 7154
10	418322	uncharacterized hypothalamus protein HE			7.1 7.1	1214 5727
		cyclin-dependent kinase inhibitor 3 (CD	AA284166	Hs.84113	7.1 7.1	4457 8271
	453876	ESTs, Weakly similar to I38022 hypothet		Hs.110406 Hs.10119	7.1	3672 7631
	444026	hypothetical protein FLJ14957	AA205759			
15	421508	absent in melanoma 2 ESTs	NM_004833		7.1	1551 1552 5977
13	426798		AA385062	Hs.130260	7.1	2275 6487
	436608	down syndrome critical region protein D	AA628980	Hs.192371	7.0	3205 7207
	436748	collagen, type VI, alpha 2	BE159107	Hs.159263	7.0	3212 7213
	420103	aldehyde dehydrogenase 1 family, memb		Hs.95197	7.0	1416 5878
20	453830	ESTs	AA534296	Hs.20953	7.0	4445 8263
20	422043	retinoic acid induced 1	AL133649	Hs.110953	7.0	1629 1630 6033
	419222	spermine synthase	AD001528	Hs.89718	7.0	1318 1319 5803
	427099	odd Oz/ten-m homolog 2 (Drosophila, mo		Hs.173560	7.0	2302 2303 6509
	414346	splicing factor 3b, subunit 2, 145kD	AL035770	Hs.75916	7.0	806 5411
25	411089	cell division cycle 2-like 1 (PITSLRE p	AA456454	Hs.214291	7.0	513 5173
23	407811	cysteine knot superfamily 1, BMP antago		Hs.40098	7.0	164 4908
	415314	glycoprotein M6B	N88802	Hs.5422	6.9	921 5497
	407792	putative secreted ligand homologous to	AI077715	Hs.39384	6.9	162 4906
	424001	paternally expressed 10	W67883	Hs.137476	6.9	1882 6217
30	400499	C10001858:gi 6679124 ref NP_032759.1		Un 14F0C0	6.9	4628
50	446142	ESTs	A1754693	Hs.145968	6.9	3820 7748
	408988	Homo sapiens clone TUA8 Cri-du-chat reg		Hs.49476	6.9	289 5009
	412974	emopamil-binding protein (sterol isomer	R18978	Hs.75105	6.9	664 5297
	411410	laminin, gamma 3	R20693	Hs.69954	6.9	536 5193
35	425256	collapsin response mediator protein 1	BE297611	Hs.155392	6.9	2074 6352
55	427171	NIPSNAP, C. elegans, homolog 1	AJ001258	Hs.173878	6.9	2307 2308 6512
	421406	Meis (mouse) homolog 2	AF179897	Hs.104105	6.9	1541 1542 5971
	451934	ESTs	AI540842	Hs.61082	6.9	4262 8109
	433487	histone deacetylase 2	U31814	Hs.3352	6.9	2983 2984 7023
40	411852	ESTs, Weakly similar to T00329 hypothet		Hs.107515	6.8	555 5208
40	415752	putative transmembrane protein	BE314524	Hs.78776	6.8	945 5517
	429259	Plakophilin	AA420450	Hs.380088	6.8	2535 6689
	448357	RAB38, member RAS oncogene family	N20169	Hs.108923	6.8	3994 7893
	451766	ephrin-B3	NM_001406		6.8	4255 4256 8104
45	416322	pyrroline-5-carboxylate reductase 1	BE019494	Hs.79217	6.8	989 5554
43	447646	Homo sapiens mRNA for KIAA1753 protei			6.8	3945 7852
	413916	apolipoprotein C-II	N49813	Hs.75615	6.8	753 5367
	414806	phosphatidylserine synthase 1	D14694	Hs.77329	6.8	871 872 5462
	418478	cyclin-dependent kinase inhibitor 2A (m	U38945	Hs.1174	6.8	1245 1246 5747
50	433577	ESTs	AW007080	Hs.284192	6.8	2989 7028
50	451811 429345	hypothetical protein MGC1136	AA663485	Hs.8719	6.8	4259 8106
		hypothetical protein	R11141	Hs.199695	6.8	2548 6700
	433101	Homo sapiens mRNA; cDNA DKFZp566L				2940 6990
	430413 426457	small inducible cytokine A5 (RANTES)	AW842182	Hs.241392	6.7	2693 6801
55		chimerin (chimaerin) 1	AW894667	Hs.380138	6.7	2229 6459 1238 5742
55	418418 426831	ESTs S-adenosylhomocysteine hydrolase	R61527 BE296216	Hs.237517	6.7	
	432179			Hs.172673	6.7	2278 6490
	412709	EphB3 KIAA0027 protein	X75208 AL022327	Hs.2913	6.7 6.7	2849 2850 6915
	421707	lectomedin-2	NM_014921	Hs.74518	6.7	631 632 5269 1581 1582 5995
60	435066					
-	442577	dyskeratosis congenita 1, dyskerin ESTs	BE261750 AA292998	Hs.4747 Hs.163900	6.7 6.6	3102 7121 3571 7542
	442923	ESTs, Weakly similar to unnamed protein		Hs:95835	6.6	3590 7558
	427528	minichromosome maintenance deficient (\$		Hs.179565	6.6	2341 6537
	423739	ESTs	AA398155	Hs.97600	6.6	1842 6190
65	449780		AA443241	Hs.75874	6.6	4114 7992
••	433972	cisplatin resistance-associated overexp	AI878910	Hs.278670	6.6	3021 7054
	406868	immunoglobulin heavy constant gamma 3		Hs.300697	6.6	72 4839
	450923	ESTs	AW043951	Hs.38449	6.6	4203 8063
	454390	KIAA0906 protein	AB020713	Hs.56966	6.6	4497 4498 8304
70	409632	serine (or cysteine) proteinase inhibit		Hs.55279	6.6	370 5067
, ,	409698	short stature homeobox 2		Hs.55967	6.6	378 379 5074
	410422	Homo sapiens, clone MGC:15203, mRNA			6.6	462 5136
	416078	protein tyrosine phosphatase, receptor		Hs.79005	6.6	970 5538
	417632	glycoprotein M6B		Hs.379090	6.6	1141 5667
75	447499	protocadherin beta 16		Hs.147674	6.6	3934 7842
	430200	geminin		Hs.234896	6.5	2658 6777
	441094	MYC-associated zinc finger protein (pur		Hs.7647	6.5	3497 3498 7473
	420197	ESTs, Weakly similar to A57291 cytokine		Hs.88134	6.5	1429 5889
	409731	thymosin, beta, identified in neuroblas		Hs.56145	6.5	386 5080
80	452046	KIAA0802 protein		Hs.27657	6.5	4275 4276 8120
	448672	ESTs		Hs.89582	6.5	4025 7917
	445084	hypothetical protein FLJ14761		Hs.250848	6.5	3742 7687
	408562	roundabout (axon guidance receptor, Dro		Hs.31141	6.5	240 4971
	414438	thioredoxin		Hs.76136	6.5	816 5420
85	420568	protocadherin alpha 10		Hs.247735	6.5	1462 5913
	452017	prostate cancer associated protein 7		Hs.27495	6.5	4270 8117
	·				-	

	416820	glucose-6-phosphate dehydrogenase	NM_000402		6.4	1035 1036 5587
	441020	ESTs	W79283	Hs.35962	6.4	3495 7471
	410361	guanylate binding protein 1, interferon	BE391804	Hs.62661	6.4	456 5132
	435025	anchor attachment protein 1 (Gaa1p, yea		Hs.4742	6.4	3098 7117
5						
)	410102	ESTs; homologue of PEM-3 [Ciona savigation of PE	NY AVVZ485U8	HS.2/9/2/	6.4	422 5107
	431204	cytochrome c oxidase subunit VIa polype	F28841	Hs.250760	6.4	2760 6848
	448390	hypothetical protein	AL035414	Hs.21068	6.4	3999 7897
	411102	triadin	AA401295	Hs.23926	6.4	515 5175
	420028	carbohydrate (N-acetylglucosamine-6-0)		Hs.8786	6.4	1408 1409 5872
10						
10	434149	hypothetical protein MGC5469	Z43829	Hs.244624	6.4	3030 7063
	447733	MAD2 (mitotic arrest deficient, yeast,	AF157482	Hs.19400	6.4	3955 3956 7860
	423605	cadherin 19, type 2	AF047826	Hs.129887	6.4	1826 1827 6179
	446342	solute carrier family 7 (cationic amino	BE298665	Hs.14846	6.4	3836 7762
				113.14040		
15	405516	ENSP00000200457*:Thyroid receptor inte			6.4	4785
15	430681	ESTs	AW969675	Hs.291232	6.4	2719 6819
	420005	ESTs	AW271106	Hs.133294	6.3	1407 5871
	448595	KIAA0644 gene product	AB014544	Hs.21572	6.3	4015 4016 7910
	414085	aldehyde dehydrogenase 1 family, memb		Hs.75746	6.3	775 5384
20	417933	thymidylate synthetase	X02308	Hs.82962	6.3	1170 1171 5692
20	414482	endothelin receptor type A	S57498	Hs.76252	6.3	824 825 5426
	453023	serine protease inhibitor, Kunitz type,	AW028733	Hs.31439	6.3	4380 8208
	423232	leucine-rich neuronal protein	BE244625	Hs.125742	6.3	1787 6149
	451763		AW294647	Hs.233634	6.3	4254 8103
		hypothetical protein FLJ14220				
25	412182	Splicing factor, arginine/serine-rich,	AA205588	Hs.73737	6.3	577 5226
25	452291	CDC7 (cell division cycle 7, S. cerevis	AF015592	Hs.28853	6.3	4310 4311 8150
	438203	ESTs	BE540090	Hs.7345	6.3	3308 7300
	444329	hypothetical protein FLJ12921	W73753	Hs.209637	6.3	3693 7648
	404030	NM_015669*:Homo sapiens protocadheri			6.3	4735
				11- 050000		
20	431183	KDEL (Lys-Asp-Glu-Leu) endoplasmic ret			6.3	2756 2757 6845
30	428450	KIAA0175 gene product	NM_014791	Hs.1 84339	6.3	2443 2444 6621
	400297	hypothetical protein DKFZp564O1278	AI127076	Hs.288381	6.3	7 4618
	452732	Homo sapiens, clone IMAGE:3535294, m			6.3	4348 8180
	426053					
		poly(A)-binding protein, cytoplasmic 1	U68105	Hs.172182	6.3	2163 6412
25	412507	EphA4	L36645	Hs.73964	6.3	596 597 5243
35	<del>44</del> 2117	ESTs; hypothetical protein for IMAGE:44	AW664964	Hs.128899	6.3	3551 7523
	443247	c-Myc target JPO1	BE614387	Hs.333893	6.3	3611 7578
	422511	collagen, type XVII, alpha 1	AU076442	Hs.117938	6.3	1692 6078
	429612	pituitary tumor-transforming 1	AF062649	Hs.252587	6.3	2586 2587 6726
40	446334	polymerase (RNA) II (DNA directed) poly	U52427	Hs.75069	6.2	3834 3835 7761
40	431567	Homo sapiens cDNA: FLJ21410 fis, clone	N51357	Hs.260855	6.2	2799 6878
	450785	Homo sapiens, alpha-1 (VI) collagen	AA852713	Hs.108885	6.2	4193 8056
	424263					1925 1926 6246
		L1 cell adhesion molecule (hydrocephalu		Hs.1757	6.2	
	450835	hypothetical protein FLJ10767	BE262773	Hs.25584	6.2	4199 8060
	421295	DC2 protein	AW081061	Hs.103180	6.2	1524 5960
45	453883	cofactor required for Sp1 transcription	AI638516	Hs.347524	6.2	4459 8273
	442432	hypothetical protein FLJ23468	BE093589	Hs.38178	6.1	3563 7535
	422684	H2A histone family, member Z	BE561617	Hs.119192	6.1	1726 6105
	419833	Homo sapiens tryptophanyl-tRNA synthet	a AA251131	Hs.220697	6.1	1388 5856
	453331	ESTs	AI240665	Hs.352537	6.1	4413 8236
50	432693	ESTs	AW449630	Hs.293790	6.1	2900 6958
	414591	ESTs, Weakly similar to ALU8_HUMAN A			6.1	834 5435
			LU 71000430			
	400263	Eos Control		Hs.75309	6.1	4613
	438915	Williams-Beuren syndrome chromosome	reg AA280174	Hs.355711	6.1	3365 7348
	406672	major histocompatibility complex, class	M26041	Hs.198253	6.1	43 44 4820
55	435099	flap structure-specific endonuclease 1	AC004770	Hs.4756	6.1	3104 3105 7123
	422100	ADP-ribosylation factor-like 7	A1096988	Hs.111554	6.1	1644 6042
	415702	gb:HSPD18414 HM3 Homo sapiens cDN/			6.1	942 5515
	408901	hypothetical protein FLJ10468	AK001330	Hs.48855	6.1	272 273 4997
	402810	NM_004930*:Homo sapiens capping prote	ein		6.1	4692
60	421335	ARS component B	X99977	Hs.103505	6.1	1529 1530 5964
	425272	ESTs, Weakly similar to C35826 hypothet		Hs.47209	6.1	2078 6355
	438944	KIAA1444 protein	AA302517	Hs.92732	6.1	3368 7351
	430044	ESTs	AA464510	Hs.152812	6.1	2642 6765
65	416640	neuron-specific protein	BE262478	Hs.13406	6.1	1019 5576
65	424440	ESTs	AA340743	Hs.133208	6.1	1951 6266
	403857	Target Exon			6.1	4730
	406836	immunoglobulin kappa constant	AW514501	Hs.156110	6.0	68 4835
	421878	Homo sapiens cDNA FLJ11643 fis, clone		Hs.111496	6.0	1607 6017
70	419452	PTK7 protein tyrosine kinase 7	U33635	Hs.90572	6.0	1340 1341 5821
70	407688	Human D9 splice variant B mRNA, comple	et W25317	Hs.37616	6.0	149 4894
	430686	desmoglein 1	NM_001942	Hs.2 633	6.0	2721 2722 6821
	427375	metallocarboxypeptidase CPX-1	AL035460	Hs.177536	6.0	2320 2321 6522
	451698	endothelin converting enzyme-like 1	Y16187	Hs.26880	6.0	4249 4250 8100
75	419956	cadherin 19, type 2	AL137939	Hs.40096	6.0	1398 5865
75	430439	DKFZP434B061 protein	AL133561	Hs.380155	6.0	2695 2696 6803
	425292	37 kDa leucine-rich repeat (LRR) protei	NM_005824	Hs.1 55545	6.0	2083 2084 6359
	400244	Eos Control		Hs.7957	6.0	4606
	407788	S100 calcium-binding protein A2	BE514982	Hs.38991	6.0	161 4905
				. 13.30331		
80	406663	immunoglobulin heavy constant mu	U24683		6.0	39 40 4818
0U	429903	cyclin-dependent kinase 5, regulatory s	AL134197	Hs.93597	6.0	2616 6746
	426158	v-erb-b2 avian erythroblastic leukemia	NM_001982	Hs.1 99067	6.0	2184 2185 6428
	408829	heparan sulfate (glucosamine) 3-O-sulfo	NM_006042	Hs.4 8384	6.0	264 265 4991
	424326	ADAM-like disintegrin protease, decysin	NM_014479		6.0	1934 1935 6252
	410240	synaptojanin 2				
25			AL157424	Hs.61289	6.0	437 5117
85	408938	ESTs	AA059013	Hs.22607	6.0	279 5002
	409028	Z-band alternatively spliced PDZ-motif	AB014513	Hs.49998	6.0	296 297 5015

	444070			040000		F00 F400
	411372	low density lipoprotein receptor (famil	AI147861	Hs.213289	6.0	530 5188
	420303	KIAA1474 protein	AA258282	Hs.278436	6.0	1443 5900
	407844	ESTs	AW073716	Hs.8037	6.0	168 4912
_	431448	hypothetical protein DKFZp564O1278	AL137517	Hs.306201	6.0	2785 2786 6869
5	415701	gamma-glutamyl hydrolase (conjugase, fo	NM 003878	Hs.78619	6.0	940 941 5514
-	428834	ESTs	AW899713	Hs.10338	6.0	2479 6647
	425930	ribosomal protein L18a	H93691	Hs.163593	6.0	2154 6406
	421506	thymidine kinase 1, soluble	BE302796	Hs.105097	6.0	1550 5976
10	451149	RNA binding motif protein 8B	AL047586	Hs.10283	5.9	4214 8073
10	448493	ESTs	AI524124	Hs.270307	5.9	4006 7903
	437330	Homo sapiens mRNA; cDNA DKFZp761J				3253 7250
	416297	solute carrier family 25 (mitochondrial	AA157634	Hs.79172	5.9	988 5553
	424049	KIAA0624 protein	AB014524	Hs.138380	5.9	1889 1890 6222
	433124	hypothetical protein SMAP31	U51712	Hs.13775	5.9	2942 6992
15	422809	hypothetical protein FLJ10549	AK001379	Hs.121028	5.9	1741 1742 6115
	414522	Immunoglobulin J chain	AW518944	Hs.76325	5.9	827 5428
	451598	ESTs	N29102	Hs.79658	5.9	4241 8093
					5.9	
	414732	minichromosome maintenance deficient (		Hs.77152		859 5453
20	408122	hypothetical protein FLJ10718	AI432652	Hs.42824	5.9	193 4935
20	433001	ctone HQ0310 PRO0310p1	AF217513	Hs.279905	5.9	2923 2924 6977
	414763	quiescin Q6	U97276	Hs.77266	5.9	866 867 5459
	434449	hypothetical protein FLJ22041 similar t	AW953484	Hs.3849	5.9	3057 7083
	418394	Kruppel-like factor 5 (intestinal)	AF132818	Hs.84728	5.9	1230 1231 5737
	417891	protein phosphatase 1, regulatory (inhi	W79410	Hs.82887	5.9	1164 5687
25	434203	hypothetical protein PRO1855	BE262677	Hs.283558	5.9	3033 7066
	443780	activating transcription factor 5	NM_012068		5.9	3643 3644 7606
	439963	platelet-activating factor acetylhydrol	AW247529	Hs.6793	5.9	3441 7423
				Hs.252189		
	431243	syndecan 4 (amphiglycan, ryudocan)	U46455		5.9	2767 6854
30	427400	hypothetical protein FLJ11939	AW245084	Hs.94229	5.9	2325 6525
<i>5</i> 0	429207	ESTs	AA447941	Hs.123423	5.9	2532 6686
	417675	similar to murine leucine-rich repeat p	AI808607	Hs.3781	5.9	1144 5670
	410929	ESTs	H47233	Hs.30643	5.8	504 5166
	408716	Homo sapiens mRNA for KIAA1769 prote	in, Al567839	Hs.151714	5.8	251 4981
	432691	mitogen-activated protein kinase 7	Ú29725	Hs.3080	5.8	2897 2898 6956
35	432247	ESTs	AA531287	Hs.105805	5.8	2859 6923
-	434629	glioma-amplified sequence-41	AA789081	Hs.4029	5.8	3064 7090
			AW408164			
	431070	transcription factor 19 (SC1)		Hs.249184	5.8	2744 6837
	426991	Homo sapiens cDNA FLJ10674 fis, clone			5.8	2294 6502
40	436895	carbonic anhydrase XII	AF037335	Hs.5338	5.8	3224 3225 7224
40	413313	glycyl-tRNA synthetase	NM_002047	Hs.2 93885	5.8	699 700 5325
	428342	Homo sapiens cDNA FLJ13458 fis, clone	P AI739168	Hs.349283	5.8	2432 6611
	424441	H2A histone family, member X	X14850	Hs.147097	5.8	1952 1953 6267
	445930	Homo sapiens clone 24747 mRNA seque			5.8	3804 7734
	402260	NM_001436*:Homo sapiens fibrillarin (FB			5.8	4676
45	422386	heparan sulfate (glucosamine) 3-O-sulfo		Hs.115830	5.8	1676 1677 6067
1.5	406621		X57809		5.8	26 27 4810
		immunoglobulin lambda locus		Hs.181125		
	414638	stress-associated endoplasmic reticulum		Hs.76698	5.8	840 5440
	437597	SCG10-like-protein	AA730767	Hs.285753	5.8	3273 7267
<b>50</b>	418110	hypothetical protein FLJ22202	R43523	Hs.217754	5.8	1193 5710
50	422268	maternal G10 transcript	N25485	Hs.330310	5.8	1667 6060
	413566	sprouty (Drosophila) homolog 4	AW604451	Hs.381153	5.8	730 5347
	414695	proteasome (prosome, macropain) subuni	it BE439915	Hs.76913	5.8	850 5446
	415200	SWI/SNF related, matrix associated, act		Hs.78202	5.8	920 5496
	422627	transforming growth factor, beta-induce	BE336857	Hs.118787	5.8	1715 6097
55	415672	ESTs	N53097	Hs.193579	5.8	937 5511
55	419437	neogenin (chicken) homolog 1	U61262	Hs.90408	5.8	1338 1339 5820
	420531	ribosome binding protein 1 (dog 180kD h		Hs.98614	5.8	1459 5911
	433058	Homo sapiens, Similar to CG8405 gene p		Hs.380962	5.7	2933 6985
60	430285	ESTs	Al917602	Hs.106440	5.7	2675 6789
60	400252	NM_004651*:Homo sapiens ubiquitin spe		Hs.171501	5.7	4609
	409637	Homo sapiens mRNA; cDNA DKFZp434K				372 5069
	445515	Homo sapiens, clone IMAGE:3457003, m	RNA BE38866	55 Hs.179999	5.7	3776 7713
	450847	stanniocalcin 1	NM_003155	Hs.2 5590	5.7	4201 4202 8062
	415444	solute carrier family 20 (phosphate tra	BE247295	Hs.78452	5.7	926 5502
65	425863	Human unidentified mRNA, partial sequer		Hs.159901	5.7	2152 6404
	448386	KIAA1329 protein	AB037750	Hs.21061	5.7	3997 3998 7896
	408482	adenosine A2b receptor	NM_000676		5.7	226 227 4959
	429921	collagen, type XI, alpha 1	AA526911		5.7	2620 6749
				Hs.82772		
70	426968	amphiphysin (Stiff-Mann syndrome with b		Hs.173034	5.7	2290 2291 6499
70	440516	cadherin 2, type 1, N-cadherin (neurona	S42303	Hs.161	5.7	3472 3473 7451
	444783	anillin (Drosophila Scraps homolog), ac	AK00,1468	Hs.62180	5.7	3722 3723 7672
	424223	putative DNA/chromatin binding motif	AJ243706	Hs.143323	5.7	1915 1916 6240
	450087	MUM2 protein	BE293180	Hs.24379	5.7	4133 8008
	427550	nuclear RNA helicase, DECD variant of D		Hs.311609	5.7	2342 6538
75	428977	cyclin B2	AK001404	Hs.194698	5.7	2496 6659
	428171	ribosomal protein L35	AA489323	Hs.182825	5.7	2402 6587
	422311	cytokine receptor-like factor 1	AF073515	Hs.114948	5.7	1669 1670 6062
	418533	myosin-binding protein C, fast-type	NM_004533		5.7	1253 1254 5754
80	436396	wingless-type MMTV integration site fam		Hs.152213	5.7	3184 7189
30	431457	integrin, alpha 11	NM_012211		5.7	2787 2788 6870
-	417920	adenosine monophosphate deaminase 2		Hs.82927	5.7	1167 1168 5690
	428520	hypothetical protein FLJ10097	AA331901	Hs.184736	5.7	2452 6626
	441544	ESTs	AW300043	Hs.127137	5.7	3523 7496
0.5	429002	junction plakoglobin	AW248439	Hs.2340	5.6	2498 6661
85	420190	hypothetical protein EST00098	Al816209	Hs.95867	5.6	1428 5888
	720130					
	419745	slug (chicken homolog), zinc finger pro	AF042001	Hs.93005	5.6	1381 1382 5851

	419517	Homo sapiens clone 23620 mRNA seque.	nce AF052107	He 90797	5.6	1346 5825
	419073	transmembrane receptor Unc5H2 mRNA	AW372170		5.6	1296 5786
	425071	deiodinase, iodothyronine, type II	NM_013989		5.6	2043 2044 6330
-	407366	gb:Horno sapiens cig33 mRNA, partial se		Hs.17518	5.6	137 4885
5	428862	SRY (sex determining region Y)-box 9 (c	NM_000346	Hs.2 316	5.6	2483 2484 6650
	430281	CGI-69 protein	AI878842	Hs.237924	5.6	2674 6788
	437188	KIAA1814 protein	AL080221	Hs.375566	5.6	3240 7238
	442549	TNF receptor-associated factor 4	AI751601	Hs.8375	5.6	3567 7538
10	413076 442700	wee1 (S. pombe) homolog hypothetical protein MGC5576	U10564 AA377618	Hs.75188 Hs.103834	5.6 5.6	678 679 5310 3578 7548
10	408958	signal recognition particle 54kD	T99607	Hs.49346	5.6	283 5005
	457458	ESTs	AW972881	Hs.276507	5.6	4552 8352
	416406	lipoma HMGIC fusion partner-like 2	D86961	Hs.79299	5.6	1001 1002 5564
	432559	ESTs	AW452948	Hs.257631	5.6	2886 6947
15	453582	hypothetical protein FLJ11937		Hs.33476	5.6	4427 8247
	445363	tubulin-specific chaperone d	NM_005993 1		5.6	3762 3763 7702
	447343	ESTs, Highly similar to S02392 alpha-2-	AA256641	Hs.236894	5.6	3916 7828
	427498	methyl-CpG binding domain protein 3	NM_003926 I		5.6	2336 2337 6534
20	433212 414561	ESTs	BE218049	Hs.121820 Hs.195155	5.6 5.6	2956 7001 831 5432
20	407103	Homo sapiens amino acid transport syste hypothetical protein MGC13170	AA424881	Hs.256301	5.6	110 4862
	428976	ras homolog gene family, member I	AL037824	Hs.194695	5.6	2495 6658
	440848	ATPase, H transporting, lysosomal (vacu		Hs.7476	5.6	3488 7464
	427052	CK2 interacting protein 1; HQ0024c prot	AF168676	Hs.173380	5.5	2298 2299 6506
25	405058	Target Exon			5.5	4769
	428028	interleukin-1 receptor-associated kinas	U52112	Hs.182018	5.5	2392 6578
	447712	kinesin family member C3	BE622873	Hs.23131	5.5	3951 7857
	420842	hypothetical protein MGC10986	A1083668	Hs.50601	5.5	1485 5929
30	411789	Adlican	AF245505	Hs.72157	5.5	553 554 5207
50	410581 420376	tumor endothelial marker 7 precursor protocadherin 18	AA018982 AL137471	Hs.125036 Hs.97266	5.5 5.5	478 5146 1447 1448 5903
	418336	glutathione peroxidase 3 (plasma)	BE179882	Hs.353196	5.5	1219 5730
	424688	myosin, light polypeptide 3, alkali; ve	AA216287	Hs.1815	5.5	1988 6290
	424481	proteolipid protein 1 (Pelizaeus-Merzba	R19453	Hs.1787	5.5	1960 6272
35	411021	titin	F00055	Hs.172004	5.5	508 5169
	432994	ESTs	AA573452	Hs.150941	5.5	2922 6976
	418004	aldehyde dehydrogenase 3 family, membe		Hs.87539	5.5	1174 1175 5695
	438937	ESTs		Hs.73964	5.5	3367 7350
40	413199 432406	ELAV (embryonic lethal, abnormal vision KIAA0969 protein		Hs.75236	5.5	687 688 5317
70	425262	GS3955 protein	Al340571 D87119	Hs.343666 Hs.155418	5.5 5.5	2871 6933 2076 2077 6354
	454071	ESTs		Hs.42502	5.5	4487 8295
	422515	multifunctional polypeptide similar to		Hs.117950	5.5	1693 6079
	452281	Homo sapiens cDNA FLJ11041 fis, clone		Hs.28792	5.5	4309 8149
45	418526	solute carrier family 16 (monocarboxyli	BE019020	Hs.85838	5.5	1251 5752
	434078	chromosome 8 open reading frame 4	AW880709	Hs.283683	5.5	3027 7060
	428748	Ksp37 protein		Hs.98785	5.5 .	2468 6638
	422765	baculoviral IAP repeat-containing 5 (su		Hs.1578	5.5	1734 6110
50	423915	alpha-actinin-2-associated LIM protein		Hs.135281	5.5	1869 1870 6209
50	428291 439999	interferon stimulated gene (20kD) ras homolog gene family, member E		Hs.183487 Hs.6838	5.5 5.5	2423 6604 3444 7426
	419488	nucleophosmin/nucleoplasmin 3		Hs.90691	5.5	1342 5822
	439688	hypothetical protein FLJ12921		Hs.209637	5.5	3418 7401
	434175	ESTs		Hs.165469	5.5	3032 7065
55	429441	lipophilin B (uteroglobin family member	AJ224172	Hs.204096	5.5	2560 2561 6708
	443572	cleavage and polyadenylation specific f	AA025610	Hs.9605	5.5	3625 7589
	424078	paternally expressed 3		Hs.139033	5.5	1893 1894 6225
	450998	splicing factor 3b, subunit 4, 49kD		Hs.25797	5.4	4205 8065
60	400259	NM_017432*:Homo sapiens prostate tume		Hs.19555	5.4	4610
00	407785 435854	ESTs, Weakly similar to A43932 mucin 2 putative ankyrin-repeat containing prot		Hs.98279 Hs.4996	5.4 5.4	160 4904 3157 3158 7166
	457211	ESTs, Weakly similar to S51797 vasodila		Hs.32399	5.4	4543 8344
	419682	paired-like homeodomain transcription f		Hs.92282	5.4	1368 5841
	407178	AP-2 beta transcription factor		Hs.352312	5.4	118 4870
65	416065	proliferating cell nuclear antigen		Hs.78996	5.4	968 5536
	418532	neurotrophic tyrosine kinase, receptor,		Hs.374321	5.4	1252 5753
	427337	Fc fragment of IgG, low affinity IIIb,		Hs.176663	5.4	2318 2319 6521
	448517	hypothetical protein FLJ22649 similar t		Hs.42194	5.4	4009 7906
70	452401	tumor necrosis factor, alpha-induced pr	NM_007115 I		5.4	4325 4326 8161
70	450414	KIAA1716 protein		Hs.21446	5.4	4165 8033
	445932 427923	Homo sapiens clone 24859 mRNA sequer FGENESH predicted 11 TM protein				3805 7735
	430130	Homo sapiens mRNA; cDNA DKFZp761G		Hs.301406	5.4 74.5.4	2385 6572 2650 2651 6772
	428121	KIAA0284 protein		Hs.182536	5.4	2398 2399 6584
75	408660	ESTs, Moderately similar to PC4259 ferr		Hs.89040	5.4	247 4977
	410011	PFTAIRE protein kinase 1		Hs.57856	5.4	406 407 5096
	425616	nuclear matrix protein NMP200 related t		Hs.173980	5.4	2121 6384
	442578	hypothetical protein FLJ10781		Hs.8395	5.4	3572 3573 7543
90	414751	choline kinase	AL120829	Hs.77221	5.4	863 5456
80	437763	tissue inhibitor of metalloproteinase 1		Hs.5831	5.4	3285 7278
	427674	H2B histone family, member Q	NM_003528 I	Hs.2 178	5.4	2359 2360 6553
	404458	CX000877*:gi 11877268 emb CAC18893.		Ua 24755	5.4	4749
	450296 419236	hepatocyte growth factor-regulated tyro Homo sapiens cDNA FLJ11481 fis, clone		Hs.24756	5.4 5.3	4153 8023 1321 5805
85	435256	cytokine-like protein C17		Hs.135159 Hs.13872	5.3	3116 3117 7133
	447436	Homo sapiens cDNA: FLJ21449 fis, clone		Hs.18593	5.3	3928 7837
	-					

	400235	NM_005336:Homo sapiens high density to		Hs.177516	5.3	4604
	435593	DKFZP586J1624 protein	R88872	Hs.4964	5.3	3141 7153
	441362	RAD51 (S. cerevisiae) homolog (E coli R		Hs.23044	5.3	3512 7486
_	424971	turnor suppressing subtransferable candi		Hs.154036	5.3	2035 6324
5	426514	bone morphogenetic protein 7 (osteogeni	BE616633	Hs.170195	5.3	2246 6470
	451681	ESTs, Weakly similar to AA64_HUMAN 6	4 K Z28564	Hs.255950	5.3	4245 8097
	445302	hypothetical protein FLJ10675	AK001537	Hs.12488	5.3	3757 3758 7699
	432504	oxygen regulated protein (150kD)	AL121015	Hs.277704	5.3	2879 6941
1.0	413762	FK506-binding protein 4 (59kD)	AW411479	Hs.848	5.3	738 5354
10	453905	LIM domain kinase 1	NM_002314		5.3	4462 4463 8276
	419693	FXYD domain-containing ion transport re		Hs.301350	5.3	1371 5844
	421778	actin related protein 2/3 complex, subu	AA428000	Hs.283072	5.3	1591 6003
	449129	ESTs	Al631602	Hs.258949	5.3	4066 7950
1.5	432647	fibroblast growth factor receptor 2 (ba	Al807481	Hs.278581	5.3	2894 6953
15	406830	peptidylprolyl isomerase A (cyclophilin	AI829848	Hs.342389	5.3	67 4834
	452410	Homo sapiens mRNA; cDNA DKFZp434E	2321 ( AL133	619 Hs.29383	5.3	4328 4329 8163
	418045	ESTs	Al972919	Hs.118837	5.3	1183 5701
	430326	DKFZP727l051 protein	BE251590	Hs.239370	5.3	2679 6793
20	419088	integrin, beta 8	AI538323	Hs.380684	5.3	1303 5791
20	416860	actin filament associated protein	D25248	Hs.80306	5.3	1043 5593
	456181	ras inhibitor	L36463	Hs.1030	5.3	4516 4517 8321
	430838	hypothetical protein FLJ12015	N46664	Hs.169395	5.3 ·	2733 6829
	439053	chaperonin containing TCP1, subunit 2 (	BE244588	Hs.6456	5.3	3374 7357
0.5	444354	hypothetical protein R33729_1	AA847582	Hs.10927	5.3	3694 7649
25	421846	protein kinase C substrate 80K-H	AA017707	Hs.1432	5.3	1601 6012
	425703	collagen, type VI, alpha 2	X06195	Hs.159263	5.3	2126 2127 6387
	433180	K562 cell-derived leucine-zipper-like p	AB038651	Hs.31854	5.3	2949 2950 6997
	408826	Homo sapiens clone HB-2 mRNA sequen-	ce AF216077	Hs.48376	5.3	263 4990
20	428227	small inducible cytokine subfamily B (C	AA321649	Hs.2248	5.3	2410 6593
30	431565	butyrate-induced transcript 1	AF161470	Hs.260622	5.3	2795 2796 6876
	422363	replication factor C (activator 1) 3 (3	T55979	Hs.115474	5.3	1673 6065
	418870	chemokine (C-X-C motif), receptor 4 (fu	AF147204	Hs.89414	5.3	1279 1280 5773
	417089	Homo sapiens cDNA: FLJ21909 fis, clone	H52280	Hs.18612	5.3	1077 5619
	406885	gb:Human mRNA for pre-mRNA splicing f			5.3	73 74 4840
35	446157	Homo sapiens cDNA: FLJ22562 fis, clone	BE270828	Hs.131740	5.3	3821 7749
	404208	C6001282:gi 4504223 ref NP_000172.1  c			5.3	4740
	404854	Target Exon			5.3	4762
	445875	Homo sapiens clone 24453 mRNA sequel	nce AF07052	4 Hs.13410	5.3	3801 7731
	448603	DNA segment on chromosome X and Y (L		Hs.21595	5.3	4017 4018 7911
40	417079	interleukin 1 receptor antagonist	U65590	Hs.81134	5.3	1073 1074 5616
	438393	Homo sapiens cDNA: FLJ22272 fis, clone		Hs.50740	5.3	3319 7309
	426613	hydroxyacyl-Coenzyme A dehydrogenase		Hs.171280	5.3	2257 2258 6476
	412564	cardiac ankyrin repeat protein	X83703	Hs.355934	5.3	606 607 5251
	441389	endocytic receptor (macrophage mannose	AF134838	Hs.7835	5.3	3514 3515 7488
45	403171	C2001472*:gij5809678 gb AAB41848.2  (			5.2	4710
	410223	calsequestrin 1 (fast-twitch, skeletal	S73775	Hs.60708	5.2	433 434 5115
	425848	valyl-tRNA synthetase 2	BE242709	Hs.159637	5.2	2150 6402
	415697	DKFZP566I1024 protein	AI365603	Hs.279696	5.2	939 5513
		ESTs	AW960707	Hs.8935	5.2	4104 7984
	449644		U46258	Hs.339665	5.2	3936 7844
50	449644 447519	ESTs	040230			
50		ESTs gamma-aminobutyric acid (GABA) receptor		Hs.1438	5.2	1614 6022
50	447519				5.2 5.2	
50	447519 421920	gamma-aminobutyric acid (GABA) receptor	or BE551245	Hs.1438 Hs.120873		1614 6022
	447519 421920 435060	gamma-aminobutyric acid (GABA) receptor ESTs, Weakly similar to fork head like	or BE551245 AI422719 BE268315	Hs.1438 Hs.120873	5.2	1614 6022 3101 7120
50 55	447519 421920 435060 449139	gamma-aminobutyric acid (GABA) receptor ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like	or BE551245 Al422719 BE268315 AW812795	Hs.1438 Hs.120873 Hs.23111	5.2 5.2	1614 6022 3101 7120 4067 7951
	447519 421920 435060 449139 428046	gamma-aminobutyric acid (GABA) receptor ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo	or BE551245 Al422719 BE268315 AW812795	Hs.1438 Hs.120873 Hs.23111 Hs.337534	5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6579
	447519 421920 435060 449139 428046 414267	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase	or BE551245 Al422719 BE268315 AW812795 AL078459 AL120051	Hs.1438 Hs.120873 Hs.23111 Hs.337534 Hs.303180 Hs.144700	5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6579 795 5402
	447519 421920 435060 449139 428046 414267 424291	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1	or BE551245 Al422719 BE268315 AW812795 AL078459 AL120051	Hs.1438 Hs.120873 Hs.23111 Hs.337534 Hs.303180 Hs.144700	5.2 5.2 5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6579 795 5402 1931 6249
55	447519 421920 435060 449139 428046 414267 424291 425712	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to ALU1_HUMA KIAA0062 protein gb:Horno sapiens (clone WR4.12VL) anti-	or BE551245 AI422719 BE268315 AW812795 AL078459 AL120051 N AA412548 D31887	Hs.1438 Hs.120873 Hs.23111 Hs.337534 Hs.303180 Hs.144700 Hs.21423	5.2 5.2 5.2 5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6579 795 5402 1931 6249 2130 6389
	447519 421920 435060 449139 428046 414267 424291 425712 419285	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to ALU1_HUMA KIAA0062 protein	or BE551245 AI422719 BE268315 AW812795 AL078459 AL120051 N AA412548 D31887	Hs.1438 Hs.120873 Hs.23111 Hs.337534 Hs.303180 Hs.144700 Hs.21423	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6579 795 5402 1931 6249 2130 6389 1325 1326 5809
55	447519 421920 435060 449139 428046 414267 424291 425712 419285 406636	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to ALU1_HUMA KIAA0062 protein gb:Horno sapiens (clone WR4.12VL) anti-	or BE551245 Al422719 BE268315 AW812795 AL078459 AL120051 N AA412548 D31887 L12064 AA297567	Hs.1438 Hs.120873 Hs.23111 Hs.337534 Hs.303180 Hs.144700 Hs.21423 Hs.89868	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6579 795 5402 1931 6249 2130 6389 1325 1326 5809 32 33 4814
55	447519 421920 435060 449139 428046 414267 424291 425712 419285 406636 408212 433320 440700	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to ALU1_HUMA KIAA0062 protein gb:Homo sapiens (clone WR4.12VL) antihypothetical protein ESTs, Highly similar to CTXN RAT CORT guanine nucleotide binding protein (G p	or BE551245 AI422719 BE268315 AW812795 AL078459 AL120051 N AA412548 D31887 t L12064 AA297567 EX D60647 AW952281	Hs.1438 Hs.120873 Hs.23111 Hs.337534 Hs.303180 Hs.144700 Hs.21423 Hs.89868 Hs.43728	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6679 795 5402 1931 6249 2130 6389 1325 1326 5809 32 33 4814 206 4945 2969 7010 3481 7458
55	447519 421920 435060 449139 428046 414267 424291 425712 419285 406636 408212 433320 440700 402855	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to ALU1_HUMA KIAA0062 protein gb:Homo sapiens (clone WR4.12VL) antihypothetical protein ESTs, Highly similar to CTXN RAT CORT guanine nucleotide binding protein (G p NM_001839*:Homo sapiens calponin 3, a	or BE551245 AI422719 BE268315 AW812795 AL078459 AL120051 N AA412548 D31887 t L12064 AA297567 EX D60647 AW952281	Hs.1438 Hs.120873 Hs.23111 Hs.337534 Hs.303180 Hs.144700 Hs.21423 Hs.89868 Hs.43728 Hs.250879	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6579 795 5402 1931 6249 2130 6389 1325 1326 5809 32 33 4814 206 4945 2969 7010
55 60	447519 421920 435060 449139 428046 414267 424291 425712 419285 406636 408212 433320 440700	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to ALU1_HUMA KIAA0062 protein gb:Horno sapiens (clone WR4.12VL) antihypothetical protein CSTs, Highly similar to CTXN RAT CORT guanine nucleotide binding protein (G p NM_001839*:Horno sapiens calponin 3, a hypothetical protein DKFZp761D112	or BE551245 Al422719 BE268315 AW812795 AL078459 AL120051 N AA412548 D31887 t L12064 AA297567 EX D60647 AW952281 ci Al308876	Hs.1438 Hs.120873 Hs.23111 Hs.337534 Hs.303180 Hs.144700 Hs.21423 Hs.89868 Hs.43728 Hs.250879	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6679 795 5402 1931 6249 2130 6389 1325 1326 5809 32 33 4814 206 4945 2969 7010 3481 7458
55	447519 421920 435060 449139 428046 414267 424291 425712 419285 406636 408212 433320 440700 402855	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to ALU1_HUMA KIAA0062 protein gb:Horno sapiens (clone WR4.12VL) anti-hypothetical protein ESTs, Highly similar to CTXN RAT CORT guanine nucleotide binding protein (G p NM_001839':Horno sapiens calponin 3, a hypothetical protein DKFZp7610112 discoidin domain receptor family, membe	or BE551245 Al422719 BE268315 AW812795 AL078459 AL120051 N AA412548 D31887 t L12064 AA297567 EX D60647 AW952281 ci Al308876 AL046341	Hs.1438 Hs.120873 Hs.23111 Hs.337534 Hs.303180 Hs.144700 Hs.21423 Hs.89868 Hs.43728 Hs.250879 Hs.296184	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6679 795 5402 1931 6249 2130 6389 1325 1326 5809 32 33 4814 206 4945 2969 7010 3481 7458 4694
55 60	447519 421920 435060 449139 428046 414267 424291 425712 419285 406636 408212 433320 440700 402855 414175	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-81 ESTs, Moderately similar to ALU1_HUMA KIAA0062 protein gb:Homo sapiens (clone WR4.12VL) antihypothetical protein ESTs, Highly similar to CTXN RAT CORT guanine nucleotide binding protein (G p NM_001839*:Homo sapiens calponin 3, a hypothetical protein DKFZp761D112 discoidin domain receptor family, membe BarH-like homeobox 1	or BE551245 Al422719 BE268315 AW812795 AL078459 AL120051 N AA412548 D31887 I L12064 AA297567 EX D60647 AW952281 ci Al308876 AL046341 BE544095	Hs.1438 Hs.120873 Hs.23111 Hs.23111 Hs.337534 Hs.303180 Hs.144700 Hs.21423 Hs.89868 Hs.43728 Hs.250879 Hs.296184 Hs.103849 Hs.75562 Hs.164960	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6679 795 5402 1931 6249 2130 6389 1325 1326 5809 32 33 4814 206 4945 2969 7010 3481 7458 4694 786 5394
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55 60	447519 421920 435060 449139 428046 414267 424291 425712 419285 406636 408212 433320 440700 402855 414175 413815 428865 450701 424442	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to ALU1_HUMA KIAA0062 protein gb:Horno sapiens (clone WR4.12VL) antihypothetical protein ESTs, Highly similar to CTXN RAT CORT guanine nucleotide binding protein (G p NM_001839':Horno sapiens calponin 3, a hypothetical protein DKFZp761D112 discoidin domain receptor family, membe BarH-like homeobox 1 hypothetical protein XP_098151 (leucine ESTs, Weakly similar to ZN91_HUMAN Zi	pr BE551245 Al422719 BE268315 AW812795 AL078459 AL120051 N AA412548 D31887 IL12064 AA297567 EX D60647 AW952281 ci Al308876 AL046341 BE544095 H39960 INC AW05194	Hs.1438 Hs.120873 Hs.23111 Hs.337534 Hs.303180 Hs.144700 Hs.21423 Hs.89868 Hs.43728 Hs.250879 Hs.296184 Hs.103849 Hs.75562 Hs.164960 Hs.288467 9 Hs.90035	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6679 795 5402 1931 6249 2130 6389 1325 1326 5809 32 33 4814 206 4945 2969 7010 3481 7458 4694 786 5394 745 5360 2485 6651 4183 8048 1954 6268
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<ul><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	447519 421920 435060 449139 428046 414267 424291 425712 419285 406636 408212 433320 440700 402855 414175 413815 428865 450701 424442 450680 438619 428727 422175 408604 404815 416700 442285 430333 433882 415705 450983 426138 418607	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-81 ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-81 ESTs, Moderately similar to ALU1_HUMA KIAA0062 protein gb:Homo sapiens (clone WR4.12VL) antihypothetical protein ESTs, Highly similar to CTXN RAT CORT guanine nucleotide binding protein (G p NM_001839*:Homo sapiens calponin 3, a hypothetical protein DKFZp761D112 discoidin domain receptor family, membe BarH-like homeobox 1 hypothetical protein XP_098151 (leucine ESTs, Weakly similar to ZN91_HUMAN ZIHOmo sapiens clone 25194 mRNA sequel TU12B1-TY protein general transcription factor IIH, polyp ESTs, Highly similar to T00391 hypothet ESTs ENSP00000251989*:DJ100N22.1 (NOVE cathepsin D (lysosomal aspartyl proteas uncharacterized hypothalamus protein HT IIA1 cytotoxic granule-associated RNA-b procollagen-proline, 2-oxoglutarate 4-d coilin ERO1 (S. cerevisiae)-like Homo sapiens clone 23798 and 23825 mF KIAA1402 protein	or BE551245 Al422719 BE268315 AW812795 AL078459 AL120051 N AA412548 D31887 L12064 AA297567 EX D60647 AW952281 ci Al308876 AL046341 BE544095 H39960 NC AW05194 Cee AF131784 AB032773 AF078847 N79885 D51408 L EGF- AW498958 W28729 S70114 U90441 U90641 U90641 U90641 U90641 AA305384 ARNA D81871 AL137426	Hs.1438 Hs.120873 Hs.23111 Hs.237534 Hs.303180 Hs.144700 Hs.21423 Hs.89868 Hs.43728 Hs.250879 Hs.296184 Hs.103849 Hs.75562 Hs.164960 Hs.288467 9 Hs.90035 Hs.374350 Hs.78452 Hs.6382 Hs.21925 Hs.374989 Hs.239489 Hs.3622 Hs.966 Hs.25740 Hs.167036 Hs.86392	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6579 795 5402 1931 6249 2130 6389 1325 1326 5809 32 33 4814 206 4945 2969 7010 3481 7458 4694 745 5360 2485 6651 4183 8048 1954 6268 4181 8046 3340 3341 7327 2466 2467 6637 1657 6053 243 4973 4761 1023 5579 3554 7526 2680 2681 6794 3012 3013 7047 943 944 5516 4204 8064 2178 6423 1260 5759
<ul><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	447519 421920 435060 449139 428046 414267 424291 425712 419285 406636 408212 433320 440700 402855 414175 413815 428865 450701 424442 450680 438619 428727 422175 408604 404815 416700 442285 430333 433882 415705 450983 426138 4118607 421857	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to ALU1_HUMA KIAA0062 protein gb:Horno sapiens (clone WR4.12VL) antihypothetical protein ESTs, Highly similar to CTXN RAT CORT guanine nucleotide binding protein (G p NM_001839*:Horno sapiens calponin 3, a hypothetical protein DKFZp7610112 discoidin domain receptor family, membe BarH-like homeobox 1 hypothetical protein XP_098151 (leucine ESTs, Weakly similar to ZN91_HUMAN ZHomo sapiens clone 25194 mRNA sequer TU12B1-TY protein general transcription factor IIH, polyp ESTs, Highly similar to T00391 hypothet ESTs ENSP00000251989*:DJ100N22.1 (NOVE cathepsin D (lysosomal aspartyl proteas uncharacterized hypothalamus protein HT TIA1 cytotoxic granule-associated RNA-b procollagen-proline, 2-oxoglutarate 4-d coilin ERO1 (S. cerevisiae)-like Homo sapiens clone 23798 and 23825 mf KIAA1402 protein hypothetical protein FLJ23322	or BE551245 Al422719 BE268315 AW812795 AL078459 AL120051 N AA412548 D31887 t L12064 AA297567 EX D60647 AW952281 ci Al308876 AL046341 BE544095 H39960 NC AW05194 nce AF131784 AB032773 AF078847 N79885 D51408 LEGF- AW498958 W28729 S70114 U06632 AA305384 RNA D81871 U06632 AA305384 RNA D81871 AL137426 AW601852	Hs.1438 Hs.120873 Hs.23111 Hs.337534 Hs.303180 Hs.144700 Hs.144700 Hs.21423 Hs.89868 Hs.43728 Hs.250879 Hs.296184 Hs.103849 Hs.75562 Hs.164960 Hs.288467 9 Hs.90035 4 Hs.25318 Hs.374350 Hs.26382 Hs.21925 Hs.343475 Hs.374989 Hs.239489 Hs.239489 Hs.2622 Hs.167036 Hs.167036 Hs.167036 Hs.167036 Hs.167036 Hs.167036 Hs.167036 Hs.167036 Hs.167036 Hs.86392 Hs.86392 Hs.288932	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6579 795 5402 1931 6249 2130 6389 1325 1326 5809 32 33 4814 206 4945 2969 7010 3481 7458 4694 786 5394 745 5360 2485 6651 4183 8048 1954 6268 4181 8046 3340 3341 7327 2466 2467 6637 1657 6053 243 4973 4761 1023 5579 3554 7526 2680 2681 6794 3012 3013 7047 943 944 5516 4204 8064 2178 6423 1260 5759 1604 6014
55 60 65 70 75	447519 421920 435060 449139 428046 414267 424291 425712 419285 406636 408212 433320 440700 402855 414175 413815 428865 450701 424442 450680 438619 428727 422175 408604 404815 416700 44285 430333 43382 415705 450983 426138 418607 421857 424375	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to ALU1_HUMA KIAA0062 protein gb:Horno sapiens (clone WR4.12VL) antihypothetical protein ESTs, Highly similar to CTXN RAT CORT guanine nucleotide binding protein (G p NM_001839':Horno sapiens calponin 3, a hypothetical protein DKFZp761D112 discoidin domain receptor family, membe BarH-like homeobox 1 hypothetical protein XP_098151 (leucine ESTs, Weakly similar to ZN91_HUMAN ZI Horno sapiens clone 25194 mRNA sequent U12B1-TY protein general transcription factor IIH, polyp ESTs, Highly similar to T00391 hypothet ESTs ENSP00000251989*:DJ100N22.1 (NOVE cathepsin D (lysosomal aspartyl proteas uncharacterized hypothalamus protein HT TIA1 cytotoxic granule-associated RNA-b procollagen-proline, 2-oxoglutarate 4-d coillin ERO1 (S. cerevisiae)-like Horno sapiens clone 23798 and 23825 mF KIAA1402 protein hypothetical protein FLJ23322 Horno sapiens clone 24820 mRNA sequer	or BE551245 Al422719 BE268315 AW812795 AL078459 AL120051 N AA412548 D31887 L12064 AA297567 EX D60647 AW952281 ci Al308876 AL046341 BE544095 H39960 INC AW05194 INC AW061852 AA305384 INC AW061852 INC AW601852 INC AF070547	Hs.1438 Hs.120873 Hs.23111 Hs.2317534 Hs.303180 Hs.144700 Hs.144700 Hs.21423 Hs.89868 Hs.43728 Hs.250879 Hs.296184 Hs.103849 Hs.75562 Hs.164960 Hs.288467 Hs.25318 Hs.374350 Hs.78452 Hs.374350 Hs.78452 Hs.343475 Hs.374989 Hs.3966 Hs.25740 Hs.167036 Hs.966 Hs.25740 Hs.167036 Hs.86392 Hs.168932 Hs.168932	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6579 795 5402 1931 6249 2130 6389 1325 1326 5809 32 33 4814 206 4945 2969 7010 3481 7458 4694 786 5394 745 5360 2485 6651 4183 8048 4191 8046 3340 3341 7327 2466 2467 6637 1657 6053 243 4973 4761 1023 5579 3554 7526 2680 2681 6794 3012 3013 7047 943 944 5516 4204 8064 2178 6423 1260 5759 1604 6014 1939 6256
<ul><li>55</li><li>60</li><li>65</li><li>70</li><li>75</li></ul>	447519 421920 435060 449139 428046 414267 424291 425712 419285 406636 408212 433320 440700 402855 413815 428865 450701 424442 450680 438619 428727 424475 408604 404815 416700 442285 430333 433882 415705 450983 426138 418607 421857 424375 449475	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to ALU1_HUMA KIAA0062 protein gb:Homo sapiens (clone WR4.12VL) antihypothetical protein ESTs, Highly similar to CTXN RAT CORT guanine nucleotide binding protein (G p NM_001839*:Homo sapiens calponin 3, a hypothetical protein DKFZp761D112 discoidin domain receptor family, membe BarH-like homeobox 1 hypothetical protein XP_098151 (leucine ESTs, Weakly similar to ZN91_HUMAN ZHomo sapiens clone 25194 mRNA sequent U12B1-TY protein general transcription factor IIH, polyp ESTs, Highly similar to T00391 hypothet ESTs ENSP00000251989*:DJ100N22.1 (NOVE cathepsin D (lysosomal aspartyl proteas uncharacterized hypothalamus protein HT T1A1 cytotoxic granule-associated RNA-b procollagen-proline, 2-oxoglutarate 4-d coilin ERO1 (S. cerevisiae)-like Homo sapiens clone 23798 and 23825 mf KIAA1402 protein hypothetical protein FLJ23322 Homo sapiens clone 24820 mRNA sequel hypothetical protein PP1057	or BE551245 Al422719 BE268315 AW812795 AL078459 AL120051 N AA412548 D31887 L12064 AA297567 EX D60647 AW952281 ci AL308876 AL046341 BE544095 H39960 INC AW05194 INC	Hs.1438 Hs.120873 Hs.23111 Hs.337534 Hs.303180 Hs.144700 Hs.144700 Hs.144703 Hs.89668 Hs.43728 Hs.250879 Hs.296184 Hs.103849 Hs.75562 Hs.164960 Hs.288467 Hs.250318 Hs.374350 Hs.28218 Hs.374350 Hs.75562 Hs.34475 Hs.36322 Hs.3622 Hs.36322 Hs.3622 Hs.36322 Hs.36392 Hs.285932 Hs.285932 Hs.285932 Hs.167036 Hs.86392 Hs.285932 Hs.285932 Hs.167036 Hs.86392 Hs.285932 Hs.285932 Hs.164312 Hs.129826	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6679 795 5402 1931 6249 2130 6389 1325 1326 5809 32 33 4814 206 4945 2969 7010 3481 7458 4694 786 5394 745 5360 2485 6651 4183 8048 1954 6268 4181 8046 3340 3341 7327 2466 2467 6637 1657 6053 243 4973 4761 1023 5579 3554 7526 2680 2681 6794 3012 3013 7047 943 944 5516 4204 8064 2178 6423 1260 5759 1604 6014 1939 6256 4091 7973
55 60 65 70 75	447519 421920 435060 449139 428046 414267 424291 425712 419285 406636 408212 433320 440700 402855 414175 413815 428865 450701 424442 450680 438619 428727 422175 408604 404815 416700 44285 430333 43382 415705 450983 426138 418607 421857 424375	gamma-aminobutyric acid (GABA) recepte ESTs, Weakly similar to fork head like phenylalanine-tRNA synthetase-like ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to 138022 hypo dimethylarginine dimethylaminohydrolase ephrin-B1 ESTs, Moderately similar to ALU1_HUMA KIAA0062 protein gb:Horno sapiens (clone WR4.12VL) antihypothetical protein ESTs, Highly similar to CTXN RAT CORT guanine nucleotide binding protein (G p NM_001839':Horno sapiens calponin 3, a hypothetical protein DKFZp761D112 discoidin domain receptor family, membe BarH-like homeobox 1 hypothetical protein XP_098151 (leucine ESTs, Weakly similar to ZN91_HUMAN ZI Horno sapiens clone 25194 mRNA sequent U12B1-TY protein general transcription factor IIH, polyp ESTs, Highly similar to T00391 hypothet ESTs ENSP00000251989*:DJ100N22.1 (NOVE cathepsin D (lysosomal aspartyl proteas uncharacterized hypothalamus protein HT TIA1 cytotoxic granule-associated RNA-b procollagen-proline, 2-oxoglutarate 4-d coillin ERO1 (S. cerevisiae)-like Horno sapiens clone 23798 and 23825 mF KIAA1402 protein hypothetical protein FLJ23322 Horno sapiens clone 24820 mRNA sequer	or BE551245 Al422719 BE268315 AW812795 AL078459 AL120051 N AA412548 D31887 L12064 AA297567 EX D60647 AW952281 ci Al308876 AL046341 BE544095 H39960 INC AW05194 INC AW061852 AA305384 INC AW061852 INC AW601852 INC AF070547	Hs.1438 Hs.120873 Hs.23111 Hs.2317534 Hs.303180 Hs.144700 Hs.144700 Hs.21423 Hs.89868 Hs.43728 Hs.250879 Hs.296184 Hs.103849 Hs.75562 Hs.164960 Hs.288467 Hs.25318 Hs.374350 Hs.78452 Hs.374350 Hs.78452 Hs.343475 Hs.374989 Hs.3966 Hs.25740 Hs.167036 Hs.966 Hs.25740 Hs.167036 Hs.86392 Hs.168932 Hs.168932	5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	1614 6022 3101 7120 4067 7951 2393 6579 795 5402 1931 6249 2130 6389 1325 1326 5809 32 33 4814 206 4945 2969 7010 3481 7458 4694 786 5394 745 5360 2485 6651 4183 8048 4191 8046 3340 3341 7327 2466 2467 6637 1657 6053 243 4973 4761 1023 5579 3554 7526 2680 2681 6794 3012 3013 7047 943 944 5516 4204 8064 2178 6423 1260 5759 1604 6014 1939 6256

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45
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           430152
                        aquaporin 3
                                                                AB001325
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                                                                                          5.0
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                                                                AA045650
                                                                             Hs.53125
                                                                                          5.0
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65
                        small nuclear ribonucleoprotein polypep
four and a half LIM domains 3
                                                                             Hs.334612
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           406782
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                                     AA430373 AA968771
80
           406636
                                     L12064 L12083 L12065 L12075 L12066 L12085 L12072 L12082 L12081 L12062 L12080 AA211586 F35799 F29720 AW937408 AW937387 AA211641
                        0.0
                        1164438_1
           418059
           TABLE 8C:
                               Unique number corresponding to an Eos probeset
           Pkey:
85
           Ref:
                              Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled
                                     "The DNA
```

			n of human shares and	22 * Ducham	Latel Neturn	- (1000) 403.4	90.405
	Strand:		e of human chromosome DNA strand from which			e (1999) 402:4	89-495.
	Nt_position:		nucleotide positions of p				
5		<b>5</b> /					
5	Pkey 405001	Ref 6015406		t_position 04646-104819			
	404977	3738341		3081-43229			
	401781	7249190	Minus 8	<b>3215-834</b> 35,83	531-83656,83	740-83901,84	23
10	405443	7408143		0716-90887,10		_	
10	403088 402992	8954241 7767907		69894-170193, 2127-42616	,170504-17080	)6	
	402992	7249190		2137-42515 8397-28617,28	920-29045 29	135-29296 29	41
	401673	7689903		22587-122705			71
1.5	401797	6730720	Plus 6	973-7118			
15	401566	8469090		6277-96420,96	979-97160		
	400499	9796071		48495-148806	442020 4420	- 4	
	405516 404030	9454624 7671252		12707-112876, 49362-151749	113070-1130	<del>)4</del>	
• •	402810	6010110		2715-12856,13	527-13643		
20	403857	7708910	Minus 2	524-3408			
	402260	3399665		13765-113910,	,115653-11576	35,116808-116	94
	405058 404458	7655685 7770571		50740-151556 5710-36276			
	404208	3080468		05346-105573			
25	404854	7143420		4260-14537			
	403171	9838164		4502-74703			
	402855	9662953		9763-59909			
	404815 405387	5911819 6587915		4494-64691 769-3833,5708	L5895		
30	403081	8954241		55749-156048,		59	
	T401 F 64						
	TABLE 9A						
35	Pkey:	Unique Fos prob	peset identifier number				<del></del>
	Gene name:	Unigene gene tit					
	Accession: Exemplar Accession number, Genbank accession number						
	UniGene:	Unigene number			dalah kantha 66	ut	formathable formation that the AON areas (the formation)
40	RATIO:	95th percentile of malignant fibrous histiocytoma Als divided by the 50th percentile of normal body tissue Als, where the 10th percentile of normal tissue Als was subtracted from both the numerator and denominator					
	SEQ ID #: nucleic acid and protein sequences provided on CD for search purposes						
							<u></u>
	Pkey	Gene Name	na (Dennauhila)	Accession	UniGene	RATIO	SEQ ID #
45	426300 404977	delta-like homolo	th factor 2 (somatomed	U15979	Hs.169228	22.5 21.4	2196 2197 6437 4766
	422487	mucin 4, trached		AJ010901	Hs.198267	19.9	1689 1690 6076
	406687		oteinase 11 (stromelysi	M31126	Hs.352054	18.3	49 50 4823
	418338	neuronal pentrax	kin 1	NM_002522		16.5	1220 1221 5731
50	409633 429359	ESTs matrix metallong	oteinase 14 (membrane-	AW449822 i wmas2	Hs.55200 Hs.2399	16.4 16.2	371 5068 2551 6702
20	450701		tein XP_098151 (leucine		Hs.288467	15.8	4183 8048
	425247	matrix metallopro	oteinase 11 (stromelysi	NM_005940		15.1	2072 2073 6351
	444670	hypothetical prot		H58373	Hs.332938	14.4	3714 7666
55	422867 420162	cyclin-dependen	eric matrix protein (ps	L32137 BE378432	Hs.1584	13.6	1751 1752 6122
55	453857		nescence 1 (RIS1)	AL080235	Hs.95577 Hs.35861	13.5 13.3	1422 5883 4449 4450 8266
	422887	ESTs	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	AI751848	Hs.49215	13.3	1755 6124
	412709	KIAA0027 protei	in	AL022327	Hs.74518	13.2	631 632 5269
60	430044	ESTs		AA464510	Hs.152812	13.0	2642 6765
00	408202 413554	DKFZP586L151	protein (chromogranin C)	AA227710 AA319146	Hs.43658 Hs.75426	12.7 12.6	202 4942 729 5346
	415166	carboxypeptidas		NM_003652		12.3	913 914 5491
	422386		(glucosamine) 3-O-sulfo	AF105374	Hs.115830	11.8	1676 1677 6067
65	424687		oteinase 9 (gelatinase	J05070	Hs.151738	11.8	1986 1987 6289
03	444381 442426	hypothetical prot hypothetical prot		BE387335 Al373062	Hs.283713 Hs.332938	11.7 11.7	3697 7652 3562 7534
	452620	ESTs	CIII WGCCO70	AA436504	Hs.119286	11.5	4338 8172
	446619		oprotein 1 (osteopontin,		Hs.313	11.5	3861 7782
70	418140		ociated protein 2	BE613836	Hs.83551	11.4	1196 5713
70	414477 423575	amplified in oster		U41635 C18863	Hs.76228	11.4	822 823 5425 4830 6473
	453331	intron of periostin ESTs	11 (031-205)	AI240665	Hs.163443 Hs.352537	11.3 11.3	1820 6173 4413 8236
	422424	prostate different	tiation factor	AI186431	Hs.296638	11.2	1681 6070
75	418399	hypothetical prot		AF131781	Hs.84753	11.2	1232 1233 5738
75	425292 426559		ich repeat (LRR) protei	NM_005824		11.2	2083 2084 6359
	420559	periostin (OSF-2	no acid cleaving system	D13666	Hs.170414 Hs.136348	11.2 11.1	2253 2254 6474 1878 1879 6215
	409132		MP-activated, beta 2 n	AJ224538	Hs.50732	11.1	309 310 5025
0.0	418054	lysyl oxidase-like	2	NM_002318	Hs.8 3354	11.1	1184 1185 5702
80	421458		eratan sulfate Gal-6) su	NM_003654		11.1	1543 1544 5972
	452401 415989	tumor necrosis ta ESTs	actor, alpha-induced pr	NM_007115 AI267700	Hs.2 9352 Hs.351201	11.0 10.8	4325 4326 8161 962 5530
	439755	B7 homolog 3		AW748482	Hs.77873	10.8	3430 7413
0.5	419762	ESTs		AI608647	Hs.32374	10.6	1387 5855
85	451934	ESTs	invitance	AI540842	Hs.61082	10.5	4262 8109
	428311	tryptophan 2,3-di	ionygenase	NM_005651	ns.1 030/1	10.5	2429 2430 6609

	417308	KIAAAAAA aana aradust	H60720	Hs.81892	10.4	1094 5634
		KIAA0101 gene product				
	442700	hypothetical protein MGC5576	AA377618	Hs.103834	10.2	3578 7548
	404550	Target Exon			10.1	4750
_	437330	Homo sapiens mRNA; cDNA DKFZp761J				3253 7250
5	442285	uncharacterized hypothalamus protein HT	W28729	Hs.374989	10.0	3554 7526
	413004	interleukin enhancer binding factor 2,	T35901	Hs.75117	9.9	667 5300
	434449	hypothetical protein FLJ22041 similar t	AW953484	Hs.3849	9.9	3057 7083
	423472	breast carcinoma amplified sequence 1	AF041260	Hs.129057	9.9	1812 1813 6167
	426156	natriuretic peptide receptor A/guanylat	BE244537	Hs.167382	9.9	2183 6427
10	419741	ubiquitin carrier protein E2-C	NM_007019		9.8	1379 1380 5850
	449784	ESTs	AW161319	Hs.12915	9.8	4115 7993
	406964	FGENES predicted novel secreted protein		110.12010	9.8	87 88 4847
	439053	chaperonin containing TCP1, subunit 2 (		Hs.6456	9.8	3374 7357
	408972					287 288 5008
15		DKFZP586D0919 protein	AL050100	Hs.49378	9.8	
13	410687	tysyl oxidase-like 1	U24389	Hs.65436	9.8	485 486 5153
	448386	KIAA1329 protein	AB037750	Hs.21061	9.8	3997 3998 7896
	407656	Homo sapiens mRNA; cDNA DKFZp434E				148 4893
	424086	lysyl oxidase	Al351010	Hs.102267	9.6	1896 6227
20	431211	gap junction protein, beta 2, 26kD (con	M86849	Hs.323733	9.6	2762 2763 6850
20	412755	ESTs, Weakly similar to P4HA_HUMAN F				637 5274
	426991	Homo sapiens cDNA FLJ10674 fis, clone	N AK001536	Hs.214410	9.5	2294 6502
	450098	hypothetical protein FLJ21080	W27249	Hs.8109	9.4	4134 8009
	411296	growth suppressor 1	BE207307	Hs.10114	9.4	524 5183
~ =	409012	DKFZP434I216 protein	AL117435	Hs.49725	9.4	293 294 5013
25	413211	hypothetical protein MGC4365	AW967107	Hs.109274	9.4	689 5318
	449077	ESTs	AW262836	Hs.252844	9.4	4063 7947
	425130	ESTs	AA448208	Hs.99163	9.3	2050 6335
	440502	regulator of G-protein signalling 12	AI824113	Hs.78281	9.3	3470 7449
	449717	cerebral cell adhesion molecule	AB040935	Hs.23954	9.3	4110 4111 7989
30	422961	B-cell CLL/lymphoma 9	Y13620	Hs.122607	9.3	1763 1764 6131
	421508	absent in melanoma 2	NM_004833		9.3	1551 1552 5977
	421155	lysyl oxidase	H87879	Hs.102267	9.3	1512 5950
	434096	pleiomorphic adenoma gene-like 1	AW662958	Hs.75825	9.3	3029 7062
	433612			Hs.61188	9.2	
35		Homo sapiens Ku70-binding protein (KUE				2991 2992 7030 4159 8028
55	450375	a disintegrin and metalloproteinase dom	AA009647	Hs.352537	9.2	
	443780	activating transcription factor 5	NM_012068		9.2	3643 3644 7606
	445417	a disintegrin-like and metalloprotease	AK001058	Hs.12680	9.1	3766 7705
	447500	ESTs	Al381900	Hs.159212	9.1	3935 7843
40	451292	KIAA1295 protein	AB037716	Hs.26204	9.1	4221 4222 8079
40	417900	CDC20 (cell division cycle 20, S. cerev	BE250127	Hs.82906	9.0	1165 5688
	413011	biglycan	AW068115	Hs.821	8.9	669 5302
	408989	KIAA0746 protein	AW361666	Hs.49500	8.9	290 5010
	449722	cyclin B1	BE280074	Hs.23960	8.9	4112 7990
4.5	431750	ESTs	AA514986	Hs.283705	8.8	2816 6891
45	431089	ESTs, Weakly similar to unknown protein	BE041395	Hs.374629	8.8	2745 6838
	415701	gamma-glutarnyl hydrolase (conjugase, fo	NM_003878	Hs.78619	8.8	940 941 5514
	452701	glutamine-fructose-6-phosphate transami	NM_005110	Hs.3 0332	8.7	4345 4346 8178
	426369	Kreisler (mouse) maf-related leucine zi	AF134157	Hs.169487	8.6	2213 2214 6448
	431103	pleiotrophin (heparin binding growth fa	M57399	Hs.44	8.6	2748 2749 6840
50	422567	glypican 6	AF111178	Hs.118407	8.6	1702 1703 6087
	408692	dipeptidylpeptidase VI	AL040127	Hs.34074	8.5	248 4978
	412140	RAB6 interacting, kinesin-like (rabkine	AA219691	Hs.73625	8.5	573 5223
	440099	DKFZP564G202 protein	AL080058	Hs.6909	8.5	3453 3454 7434
	423600	ESTs	A1633559	Hs.310359	8.5	1824 6177
55	444931	general transcription factor IIIA	AV652066	Hs.75113	8.5	3735 7681
	422087	matrix metalloproteinase 2 (gelatinase	X58968	Hs.111301	8.5	1641 6040
	421143	immunoglobulin superfamily containing I	AB024536	Hs.102171	8.5	1510 1511 5949
	445302	hypothetical protein FLJ10675	AK001537	Hs.12488	8.4	3757 3758 7699
	427099	odd Oz/ten-m homolog 2 (Drosophila, mo		Hs.173560	8.4	2302 2303 6509
60	439223	UL16 binding protein 2	AW238299	Hs.250618	8.4	3383 7366
00	452862	ADAMTS2 (a disintegrin-like and metall	AW378065	Hs.8687	8.3	4360 8190
	452683	progesterone membrane binding protein	A1089575	Hs.374574	8.3	4341 8175
	454140	hypothetical protein FLJ10474	AB040888	Hs.41793	8.3	4493 4494 8301
	452017					
65		prostate cancer associated protein 7	AF109302	Hs.27495	8.3	4270 8117
05	453018	ESTs, Weakly similar to Trad [H.sapiens	AA054522	Hs.61581	8.3	4379 8207
	430055	ESTs	BE539656	Hs.283705	8.3	2644 6767
	423217	collagen, type VII, alpha 1 (epidermoly	NM_000094		8.3	1784 1785 6147
	431866	angiopoietin-like 2	NM_012098		8.2	2830 2831 6902
70	418932	cadherin 4, type 1, R-cadherin (retinal	L34059	Hs.89484	8.2	1285 1286 5777
70	439070	ESTs	AI733278	Hs.7621	8.2	3375 7358
	457869	Homo sapiens, alpha-1 (VI) collagen	AU077186	Hs.108885	8.2	4561 8359
	424126	ESTs	AA335635	Hs.96917	8.1	1902 6231
	422627	transforming growth factor, beta-induce	BE336857	Hs.118787	8.1	1715 6097
75	417866	collagen, type XI, alpha 1	AW067903	Hs.82772	8.1	1162 5685
75	445900	Homo sapiens clone 24787 mRNA seque			8.1	3803 7733
	407756	ubiquitin specific protease 18	AA116021	Hs.38260	8.1	159 4903
	459702	gb:an03c03.x1 Stratagene schizo brain S			8.1	4596 8393
	443426	chromosome 20 open reading frame 1	AF098158	Hs.9329	8.1	3621 3622 7586
0.0	423739	ESTs	AA398155	Hs.97600	8.1	1842 6190
80		autonollulas matris aratain 1	AL037672	Hs.81071	8.0	1067 5611
	417059	extracellular matrix protein 1				
	417059 445537	EGF-like-domain, multiple 6	AJ245671	Hs.12844	8.0	3780 3781 7716
				Hs.12844 Hs.220261	8.0 8.0	3780 3781 7716 3323 7313
	445537	EGF-like-domain, multiple 6	AJ245671			
	445537 438451	EGF-like-domain, multiple 6 ESTs	AJ245671 Al081972	Hs.220261	8.0	3323 7313
85	445537 438451 424916	EGF-like-domain, multiple 6 ESTs ESTs	AJ245671 AI081972 AW867440	Hs.220261 Hs.23096	8.0 8.0	3323 7313 2028 6319
	445537 438451 424916 416349	EGF-like-domain, multiple 6 ESTs ESTs myomesin (M-protein) 2 (165kD)	AJ245671 AI081972 AW867440	Hs.220261 Hs.23096 Hs.79227	8.0 8.0 7.9	3323 7313 2028 6319 991 992 5556

	447400		D04500		~ ^	0000 7044
	447198	ESTs	D61523	Hs.283435	7.9	3898 7814
	428182	ESTs, Weakly similar to GGC1_HUMAN (	G AN BE38604	12 Hs.293317	7.9	2403 6588
	409041	Hypothetical protein, XP_051860 (KIAA11	I AB033025	Hs.50081	7.9	299 300 5017
	417849	nidogen 2	AW291587	Hs.82733	7.9	1161 5684
5						
,	444371	forkhead box M1	BE540274	Hs.239	7.9	3696 7651
	437898	ESTs	W81260	Hs.43410	7.8	3293 7286
	408349	homeo box C10	BE546947	Hs.44276	7.8	213 4949
	417675	similar to murine leucine-rich repeat p	AI808607	Hs.3781	7.8	1144 5670
	449353	ESTs	AA001220	Hs.242947	7.7	4084 7966
10						
10	427315	Homo sapiens mRNA; cDNA DKFZp564N				2316 6519
	435080	hypothetical protein FLJ14428	AI831760	Hs.155111	7.7	3103 7122
	444784	ectonucleotide pyrophosphatase/phospho	d D12485	Hs.11951	7.7	3724 3725 7673
	429500	hexabrachion (tenascin C, cytotactin)	X78565	Hs.289114	7.7	2574 2575 6718
	403171	C2001472*:gij5809678 gb AAB41848.2  (			7.7	4710
15				Un 202072		
15	421778	actin related protein 2/3 complex, subu	AA428000	Hs.283072	7.6	1591 6003
	440594	ESTs	AW445167	Hs.126036	7.6	3475 7453
	425397	topoisomerase (DNA) II alpha (170kD)	J04088	Hs.156346	7.6	2099 2100 6369
	416700	cathepsin D (lysosomal aspartyl proteas	AW498958	Hs.343475	7.6	1023 5579
	425234	ESTs, Weakly similar to 138022 hypothet		Hs.165909	7.6	2070 6349
20	417930					
20		Homo sapiens mRNA for KIAA1870 prote		Hs.334604	7.6	1169 5691
	427747	serine/threonine kinase 12	AW411425	Hs.180655	7.6	2365 6557
	433447	neuronal pentraxin II	U29195	Hs.3281	7.6 ·	2980 2981 7021
	409178	kallikrein 5	BE393948	Hs.50915	7.5	319 5032
	452828	ESTs, Weakly similar to KIAA1528 protei		Hs.32374	7.5	4354 8185
25	421743	DKFZP564I1171 protein	T35958	Hs.107614	7.5	1586 5998
23						
	416561	holocarboxylase synthetase (biotin-[pro	D87328	Hs.79375	7.5	1013 1014 5572
	429990	DKFZP547E1010 protein	AL050260	Hs.323817	7.5	2634 2635 6760
	435767	ESTs	H73505	Hs.117874	7.5	3151 7161
	409103	XAGE-1 protein	AF251237	Hs.112208	7.5	304 305 5021
30	419682	paired-like homeodomain transcription f	H13139		7.5	1368 5841
50				Hs.92282		
	410581	tumor endothelial marker 7 precursor	AA018982	Hs.125036	7.5	478 5146
	413595	ESTs	AW235215	Hs.16145	7.5	731 5348
	407896	Zic family member 1 (odd-paired Drosoph	D76435	Hs.41154	7.4	176 177 4919
	425588	ESTs	F07396	Hs.46627	7.4	2120 6383
35	421570	hypothetical protein FLJ21919				
55		••	AL080172	Hs.105894	7.4	1566 5986
	406673	major histocompatibility complex, class	M34996	Hs.198253	7.4	90 91 4821
	428189	ESTs .	AA424030	Hs.46627	7.4	2404 6589
	429609	cell adhesion molecule with homology to	AF002246	Hs.210863	7.4	2584 2585 6725
	447070	ESTs	AI871458	Hs.200022	7.4	3886 7803
40	425308	receptor tyrosine kinase-like orphan re			7.4	
40			M97639	Hs.155585		2087 2088 6362
	448961	ESTs	Al610643	Hs.187285	7.4	4052 7937
	428834	ESTs	AW899713	Hs.10338	7.4	2479 6647
	403907	Autosomal Highly Conserved Protein			7.3	4732
	407824	Homo sapiens cDNA FLJ14388 fis, clone	H AA147884	Hs.9812	7.3	166 4910
45						
73	422048	spondin 2, extracellular matrix protein	NM_012445		7.3	1631 1632 6034
	427335	G antigen 7B	AA448542	Hs.278444	7.3	2317 6520
	414219	ALL1-fused gene from chromosome 1q	W20010	Hs.75823	7.3	789 5397
	412978	homeo box C6	AI431708	Hs.820	7.3	665 5298
	410001	kallikrein 11	AB041036	Hs.57771	7.3	403 404 5094
50		ESTs				
50	450704		H85157	Hs.40696	7.3	4184 8049
	452281	Homo sapiens cDNA FLJ11041 fis, clone		Hs.28792	7.3	4309 8149
	436869	KIAA0711 gene product	NM_014867	Hs.5 333	7.3	3221 3222 7222
	433435	Ts translation elongation factor, mitoc	BE545277	Hs.340959	7.3	2978 7019
	420059	RAB23, member RAS oncogene family	AF161486	Hs.94769	7.3	1412 1413 5875
55	404815	ENSP00000251989*:DJ100N22.1 (NOVE			7.3	4761
	414443			Un 76144		
		platelet-derived growth factor receptor	AU077268	Hs.76144	7.3	817 5421
	442040	UDP-N-acetyl-alpha-D-galactosamine:poly		Hs.301062	7.3	3545 7517
	408135	methyltransferase-like 1	AA317248	Hs.42957	7.3	194 4936
	432691	mitogen-activated protein kinase 7	U29725	Hs.3080	7.3	2897 2898 6956
60	412006	ESTS	AW451618	Hs.380683	7.3	565 5217
	433001	clone HQ0310 PRO0310p1		Hs.279905	7.2	2923 2924 6977
	457411					
		iroquois-class homeobox protein IRX2		Hs.130093	7.2	4549 8349
	446921	small inducible cytokine subfamily A (C		Hs.16530	7.2	3878 3879 7797
65	424408	collagen, type V, alpha 1		Hs.146428	7.2	1943 6260
65	442573	branched chain aminotransferase 1, cyto	H93366	Hs.7567	7.2	3570 7541
	444301	asporin (LRR class 1)	AK000136	Hs.10760	7.2	3691 3692 7647
	409142	SMC4 (structural maintenance of chromos		Hs.50758	7.2	312 313 5027
	423225	Thy-1 cell surface antigen				
				Hs.125359	7.2	1786 6148
70	436252	Homo sapiens cDNA FLJ11562 fis, clone		Hs.142827	7.1	3179 7184
70	457211	ESTs, Weakly similar to S51797 vasodila		Hs.32399	7.1	4543 8344
	449929	ESTs	AA004786	Hs.163792	7.1	4121 7999
	410270	turnor endothelial marker 1 precursor		Hs.195727	7.1	442 443 5121
	450506	fibroblast activation protein, alpha		ds.4 18	7.1	4170 4171 8037
	413472	solute carrier family 1 (glial high aff			7.1 7.1	725 5342
75				Hs.75379		
75	438866	tissue inhibitor of metalloproteinase 2		Hs.6441	7.1	3360 3361 7344
	419703	ESTs	AI793257	Hs.128151	7.1	1375 5847
	419745	slug (chicken homolog), zinc finger pro		Hs.93005	7.1	1381 1382 5851
	409637	Homo sapiens mRNA; cDNA DKFZp434K				372 5069
	410611	KIAA1628 protein				
80				Hs.20924	7.0	480 5148
30	429415	procollagen C-endopeptidase enhancer	NM_002593 I		7.0	2557 2558 6706
	452083	ESTs	AA022668	Hs.349970	7.0	4284 8127
	411704	hypothetical protein FLJ10074	AI499220	Hs.71573	7.0	547 5202
	408829		NM_006042 I		7.0	264 265 4991
	416322	pyrroline-5-carboxylate reductase 1		Hs.79217	6.9	989 5554
85						
0,0	454033	homeo box HB9		Hs.37035	6.9	4483 8292
	445784	ESTs	Al253155	Hs.146065	6.9	3798 7728

	436748	collagen, type VI, alpha 2	BE159107	Hs.159263	6.9	3212 7213
	451304	collagen, type XVI, alpha 1	M92642	Hs.26208	6.9	4224 4225 8081
	422901	ribosomal protein L44	R81936	Hs.75874	6.9	1757 6126
	417389	midkine (neurite growth-promoting facto	BE260964	Hs.82045	6.9	1109 5647
5	429294				6.9	2540 6693
,		Homo sapiens cDNA: FLJ22463 fis, clone		Hs.198793		
	421913	osteoglycin (osteoinductive factor, mim	AI934365	Hs.109439	6.8	1611 6020
	429973	ESTs	A1423317	Hs.164680	6.8	2628 6756
	453642	dipeptidylpeptidase VI	AI370936	Hs.34074	6.8	4431 8251
	415885	KIAA0161 gene product	D79983	Hs.78894	6.8	953 954 5524
10	449780	ribosomal protein L44	AA443241	Hs.75874	6.8	4114 7992
10	426600				6.8	2255 2256 6475
		VGF nerve growth factor inducible	NM_003378			
	437574	hypothetical protein FLJ21195 similar t	AI797592	Hs.207407	6.8	3272 7266
	429441	lipophilin B (uteroglobin family member	AJ224172	Hs.204096	6.8	2560 2561 6708
	418203	CDC28 protein kinase 2	X54942	Hs.83758	6.8	1202 1203 5719
15	416658	fibrillin 2 (congenital contractural ar	U03272	Hs.79432	6.8	1020 1021 5577
	422562	AE-binding protein 1	AI962060	Hs.118397	6.8	1700 6085
	452973	ESTs	H88409	Hs.40527	6.8	4375 8203
	414172	phosphatidylinositol glycan, class C	AW954324	Hs.75790	6.8	785 5393
20	428248	ESTs	AI126772	Hs.40479	6.7	2414 6596
20	443883	serine (or cysteine) proteinase inhibit	AA114212	Hs.9930	6.7	3653 7614
	422007	ESTs	AI739435	Hs.39168	6.7	1624 6029
	417944	collagen, type V, alpha 2	AU077196	Hs.82985	6.7	1172 5693
	424915	ESTs	R42755	Hs.23096	6.7	2027 6318
25	453175	RAB32, member RAS oncogene family	NM_006834	Hs.32217	6.7	4400 4401 8225
25	421552	secreted frizzled-related protein 4	AF026692	Hs.105700	6.7	1559 1560 5982
	452106	ESTs	AI141031	Hs.21342	6.6	4289 8131
	422890	ankyrin 3, node of Ranvier (ankyrin G)	Z43784	Hs.351357	6.6	1756 6125
	425708	hypothetical protein FLJ22530	AK001342	Hs.14570	6.6	2128 2129 6388
20	407811	cysteine knot superfamily 1, BMP antago		Hs.40098	6.6	164 4908
30	418478	cyclin-dependent kinase inhibitor 2A (m	U38945	Hs.1174	6.6	1245 1246 5747
	420888	dihydropyrimidinase-like 4	AB006713	Hs.100058	6.6	1486 1487 5930
	429451	heme oxygenase (decycling) 1	BE409861	Hs.202833	6.6	2562 6709
	422106	Fc fragment of IgG binding protein	D84239	Hs.111732	6.5	1646 1647 6044
	450785		AA852713	Hs.108885	6.5	4193 8056
35		Homo sapiens, alpha-1 (VI) collagen				
55	428317	ESTs	AW022609	Hs.50745	6.5	2431 6610
	421823	ESTs	N40850	Hs.28625	6.5	1600 6011
	418322	cyclin-dependent kinase inhibitor 3 (CD	AA284166	Hs.84113	6.5	1214 5727
	426968	amphiphysin (Stiff-Mann syndrome with b	U07616	Hs.173034	6.5	2290 2291 6499
	442295	Homo sapiens cDNA FLJ11469 fis, clone		Hs.224398	6.5	3555 7527
40	400419	Target	AF084545	110.224000	6.5	22 23 4626
40				050004		
	407604	collagen, type VIII, alpha 2	AW191962	Hs.353001	6.5	145 4891
	450847	stanniocalcin 1	NM_003155	Hs.2 5590	6.5	4201 4202 8062
	416391	mesoderm specific transcript (mouse) ho	A1878927	Hs.79284	6.5	999 5562
	422765	baculoviral IAP repeat-containing 5 (su	AW409701	Hs.1578	6.5	1734 6110
45	420576	KIAA1858 protein	AA297634	Hs.54925	6.5	1463 5914
			W79283			
	441020	ESTs		Hs.35962	6.4	3495 7471
	408118	calcium binding protein Cab45 precursor		Hs.42806	6.4	192 4934
	409433	ESTs	AA074382	Hs.135255	6.4	349 5053
	432239	matrix metalloproteinase 13 (collagenas	X81334	Hs.2936	6.4	2856 2857 6921
50	434652	bladder cancer overexpressed protein	AF148713	Hs.125830	6.4	3066 3067 7092
	438459	Homo sapiens cDNA FLJ13655 fis, clone		Hs.35304	6.4	3325 7315
	417605	regulator of G-protein signalling 3				
			AF006609	Hs.82294	6.4	1138 1139 5665
	424420	prostaglandin E synthase	BE614743	Hs.146688	6.4	1949 6264
	425964	progesterone membrane binding protein	AW889928	Hs.9071	6.4	2157 6408
55	433078	Homo sapiens cDNA FLJ12231 fis, clone	M AW015188	Hs.121575	6.4	2938 6988
	442432	hypothetical protein FLJ23468	BE093589	Hs.38178	6.3	3563 7535
	452046	KIAA0802 protein	AB018345	Hs.27657	6.3	4275 4276 8120
			AD010045	113.21001		
	402992	Target Exon	1450504		6.3	4700
60	426363	transforming growth factor, beta 3	M58524	Hs.2025	6.3	2210 2211 6446
60	451253	claudin 10	H48299	Hs.26126	6.3	4220 8078
	412104	Homo sapiens, Similar to RIKEN cDNA 22			6.3	569 5220
	418110	hypothetical protein FLJ22202	R43523	Hs.217754	6.3	1193 5710
	451763	hypothetical protein FLJ14220	AW294647	Hs.233634	6.3	4254 8103
	419750	Homo sapiens cDNA FLJ14236 fis, clone		Hs.183114	6.3	1385 5853
65	408212	hypothetical protein	AA297567	Hs.43728	6.3	206 4945
05						
	427751	conserved gene amplified in osteosarcom		Hs.355816	6.3	2366 2367 6558
	431124	doublesex and mab-3 related transcripti .	AF284221	Hs.59506	6.3	2753 2754 6843
	434377	intron of periostin (OSF-2os)	AW137148	Hs.306593	6.2	3051 7078
	413436	sphingosine kinase 1	AF238083	Hs.68061	6.2	721 722 5339
70	439285	hypothetical protein FLJ20093	AL133916	Hs.47860	6.2	3389 7372
, ,	431183	KDEL (Lys-Asp-Glu-Leu) endoplasmic reti				
					6.2	2756 2757 6845
	431347	insulin-like growth factor 2 (somatomed	Al133461	Hs.251664	6.2	2774 6859
	426855	Homo sapiens mRNA; cDNA DKFZp566P			6.2	2279 6491
	438085	ESTs	R52518	Hs.7967	6.2	3299 7292
75	452063	ESTs, Weakly similar to TWST_HUMAN 7		Hs.32366	6.2	4281 8124
	447359	adenylate kinase 5	NM_012093		6.2	3918 3919 7830
	419156	amelogenin (X chromosome, amelogenes			6.2	1311 1312 5797
	420005	ESTs	AW271106	Hs.133294	6.2	1407 5871
00	410867	fibrillin 1 (Marfan syndrome)	X63556	Hs.750	6.2	498 499 5162
80	452199	hypothetical protein MGC3133	BE255643	Hs.110695	6.2	4297 8139
	410240	synaptojanin 2	AL157424	Hs.61289	6.1	437 5117
	447733	MAD2 (mitotic arrest deficient, yeast,	AF157482	Hs.19400	6.1	3955 3956 7860
	424162	ESTs, Weakly similar to ALU2_HUMAN A			6.1	1907 6235
0.5	418283	cathepsin K (pycnodysostosis)	S79895	Hs.83942	6.1	1210 1211 5724
85	426935	collagen, type I, alpha 1	NM_000088	Hs.1 72928	6.1	2288 2289 6498
	450447	hypothetical protein P15-2	AF212223	Hs.25010	6.1	4168 4169 8036
		•				

			4150000			
	417437	interferon regulatory factor 4	U52682	Hs.82132	6.1	1123 1124 5656
	401797	Target Exon	700040		6.1	4663
	421251	enigma (LIM domain protein)	Z28913	Hs.102948	6.1	1521 5957
_	427060	ESTs	AW378993	Hs.90286	6.1	2300 6507
5	436311	ESTs	AA708958	Hs.168732	6.1	3181 7186
	434629	glioma-amplified sequence-41	AA789081	Hs.4029	6.1	3064 7090
	410295	nidogen (enactin)	AA741357	Hs.356624	6.1	450 5127
	401131	NM_001651*:Homo sapiens aquaporin 5			6.1	4644
10	421579	stem cell growth factor; lymphocyte sec	NM_002975		6.0	1567 1568 5987
10	429707	matrix metalloproteinase 23B	W76631	Hs.211819	6.0	2606 6738
	428046	ESTs, Moderately similar to I38022 hypo	AW812795	Hs.337534	6.0	2393 6579
	444734	7-dehydrocholesterol reductase	NM_001360		6.0	3718 3719 7669
	451766	ephrin-B3	NM_001406		6.0	4255 4256 8104
1.5	449294	ESTs	Al651786	Hs.195045	6.0	4079 7961
15	410361	guanylate binding protein 1, interferon	BE391804	Hs.62661	6.0	456 5132
	451149	RNA binding motif protein 8B	AL047586	Hs.10283	6.0	4214 8073
	453164	SNARE associated protein snapin	F33692	Hs.32018	6.0	4396 8222
	446211	S100 calcium-binding protein A13	AI021993	Hs.14331	6.0	3824 7752
20	407083	H.sapiens XG mRNA (clone PEP11)	Z48511		6.0	107 4859
20	456508	ESTs, Weakly similar to AF208855 1 BM-		Hs.123469	6.0	4521 8325
	452291	CDC7 (cell division cycle 7, S. cerevis	AF015592	Hs.28853	6.0	4310 4311 8150
	452160	cysteine sulfinic acid decarboxylase-re	BE378541	Hs.355568	6.0	4292 8134
	449318	Homo sapiens, Similar to RIKEN cDNA 5			6.0	4080 7962
25	442743	ESTs, Weakly similar to MUC2_HUMAN I				3583 7551
23	419169	ESTs, Weakly similar to S72482 hypothet		Hs.262346	5.9	1314 5799
	445363	tubulin-specific chaperone d	NM_005993		5.9	3762 3763 7702
	432731	fibronectin 1	R31178	Hs.287820	5.9	2904 6961
	425760	galactosamine (N-acetyl)-6-sulfate sulf	D17629	Hs.159479	5.9	2134 2135 6392
20	402855	NM_001839*:Homo sapiens calponin 3, a			5.9	4694
30	438203	ESTs	BE540090	Hs.7345	5.9	3308 7300
	428450	KIAA0175 gene product	NM_014791		5.9	2443 2444 6621
	434879	collagen, type VI, alpha 2	M34572	Hs.159263	5.9	3086 3087 7107
	422809	hypothetical protein FLJ10549	AK001379	Hs.121028	5.9	1741 1742 6115
25	423905	lung type-I cell membrane-associated gl	AW579960	Hs.135150	5.9	1867 6207
35	415758	protein kinase C, zeta	BE270465	Hs.78793	5.9	946 5518
	427871	Homo sapiens, clone IMAGE:3507281, m				2380 6568
	458956	gb:ht98f11.x1 NCI_CGAP_Lu24 Homo sa			5.9	4587 8383
	426798	ESTs	AA385062	Hs.130260	5.8	2275 6487
40	424440	ESTs	AA340743	Hs.133208	5.8	1951 6266
40	445875	Homo sapiens clone 24453 mRNA seque			5.8	3801 7731
	420139	lipase, hormone-sensitive	NM_005357		5.8	1419 1420 5881
	439897	KIAA0942 protein	NM_015310		5.8	3437 3438 7420
	432527	ESTs	AW975028	Hs.102754	5.8	2883 6944
15	428398	ESTs	Al249368	Hs.98558	5.8	2435 6614
45	432576	ESTs, Weakly similar to I38022 hypothet		Hs.165954	5.8	2888 6949
	421848	collagen, type VI, alpha 1	X15880	Hs.108885	5.8	1602 1603 6013
	404245	NM_007116*:			5.8	4743
	408901	hypothetical protein FLJ10468	AK001330	Hs.48855	5.8	272 273 4997
50	439979	hypothetical protein FLJ10430	AW600291	Hs.6823	5.8	3442 7424
50	452436	ESTs, Moderately similar to A46010 X-li	BE077546	Hs.31447	5.8	4330 8164
	432211	hypothetical protein FLJ10986	BE274530	Hs.273333	5.8	2852 6917
	425398	hypothetical protein similar to tenasci	AL049689	Hs.156369	5.8	2101 2102 6370
	447757	KIAA0859 protein	AA071276	Hs.19469	5.8	3960 7863
55	434775	ESTs	AA648983	Hs.370514	5.8	3074 7098
55	422586 441669	hypothetical protein FLJ22127	AA312704	Hs.59457	5.8	1709 6091
	424066	Homo sapiens cDNA FLJ11436 fis, clone		Hs.29692	5.8	3532 7504
	422201	ESTs, Weakly similar to 138022 hypothet G protein-coupled receptor 30	NM_001505	Hs.112461	5.8 5.7	1891 6223 1658 1659 6054
	449378					4085 7967
60	421815	ESTs membrane protein CH1	AW664026 AW592146	Hs.59892 Hs.108636	5.7 5.7	1598 6009
00	408792	coagulation factor X	L29433	Hs.47913	5.7	260 261 4988
	409190	sarcoma amplified sequence	AU076536	Hs.50984	5.7	321 5034
	435232	cyclin-dependent kinase inhibitor 2C (p	NM_001262		5.7	3114 3115 7132
	411893	ESTs	R82845	Hs.273789	5.7	558 5211
65	428959	WNT1 inducible signaling pathway protei	AF100779	Hs.194680	5.7	2493 2494 6657
	421686	KIAA0584 protein	AB011156	Hs.106794	5.7	1578 1579 5993
	418113	SRY (sex determining region Y)-box 4	Al272141	Hs.83484	5.7	1194 5711
	433842	ESTs	AI652156	Hs.26346	5.7	3009 7044
	409664	ESTs	AA076743	Hs.129770	5.7	374 5071
70	427855	KIAA1877 protein	R61253	Hs.98265	5.7	2376 6565
	453880	ESTs, Weakly similar to I38022 hypothet		Hs.135121	5.7	4458 8272
	410169	hypothetical protein MGC3047	Al373741	Hs.59384	5.7	428 5112
	409731	thymosin, beta, identified in neuroblas	AA125985		5.7	386 5080
<b>-</b>	414001	ESTs, Moderately similar to ALU1_HUMA	N AI610347	Hs.103812	5.7	762 5374
75	409125	axonal transport of synaptic vesicles	R17268	Hs.343567	5.7	308 5024
	421991	KIAA0990 protein	NM_014918		5.6	1622 1623 6028
	414359	cadherin 11, type 2, OB-cadherin (osteo	M62194		5.6	808 5413
	412446	ESTs	AI768015		5.6	586 5235
0.0	419511	general transcription factor IIIA	AA429750	Hs.75113	5.6	1345 5824
80	428981	ESTs, Weakly similar to ALU2_HUMAN A	LU BE313077		5.6	2497 6660
	407862	Homo sapiens cDNA FLJ10934 fis, clone			5.6	171 4915
	410711	KIAA0318 protein			5.6	489 490 5155
	446102	ESTs	AW168067		5.6	3819 7747
0.5	411756	discoidin domain receptor family, membe		Hs.71891	5.6	550 5205
85	410929	ESTs		Hs.30643	5.6	504 5166
	424700	mitagon activated exetain kingan A	H19500	Hs.269222	5.6	2821 6895
	431789	mitogen-activated protein kinase 4	1113300		0.0	

	410006	ECT-	A1122555	Hs.293821	c c	1288 5779
	418986 401130	ESTs Target Exon	Al123555	NS.293021	5.6 5.6	4643
	425131	ESTs	BE252230	Hs.99163	5.6	2051 6336
	433430	ESTs	AI863735	Hs.369982	5.6	2977 7018
5	408296	DKFZP586G1517 protein	AL117452	Hs.44155	5.6	209 210 4947
9	429299	hypothetical protein MGC13102	AI620463	Hs.347408	5.6	2541 6694
	435460	ESTs	AA682439	Hs.118380	5.6	3126 7142
	411789	Adlican	AF245505	Hs.72157	5.6	553 554 5207
	417933	thymidylate synthetase	X02308	Hs.82962	5.6	1170 1171 5692
10	411335	KIAA1096 protein	AA132813	Hs.69559	5.6	526 5185
	431070	transcription factor 19 (SC1)	AW408164	Hs. 249184	5.5	2744 6837
	434837	lysophosphatidic acid acyltransferase-d	AF156776	Hs.353175	5.5	3080 3081 7102
	400245	Eos Control		Hs.7957	5.5	4607
	423633	ESTs	N39053	Hs.164146	5.5	1830 6182
15	418097	ESTs	R45137	Hs.279789	5.5	1191 5708
	410096	hypothetical protein MGC5540	AW245200	Hs.267400	5.5	420 5105
	429965	Homo sapiens cDNA FLJ11789 fis, clone		Hs.99551	5.5	2627 6755
	452839	ribosomal protein L44	R96290	Hs.75874	5.5	4359 8189
	426386	bladder cancer overexpressed protein	AA748850	Hs.125830	5.5	2216 6450
20	439999	ras homolog gene family, member E	AA115811	Hs.6838	5.5	3444 7426
	426013	ESTs	AI818098	Hs.4779	5.5	2160 6410
	426509	pentaxin-related gene, rapidly induced	M31166	Hs.2050	5.5	2243 2244 6468
	407874	Homo sapiens cDNA FLJ14059 fis, clone		Hs.289047	5.5	175 4918
	427378	melanoma antigen, family D, 1	BE515037	Hs.177556	5.5	2322 6523
25	414053	transgelin 2	BE391635	Hs.75725	5.5	774 5383
	411894	GLI-Kruppel family member GLI3 (Greig of	: M57609	Hs.72916	5.5	559 560 5212
	432692	ESTs	AW974944	Hs.285814	5.5	2899 6957
	426155	ESTs	AA370953	Hs.163553	5.5	2182 6426
20	411358	KIAA1691 protein	R47479	Hs.94761	5.5	527 5186
30	449129	ESTs	AI631602	Hs.258949	5.5	4066 7950
	432503	ESTs	AA551196	Hs.188952	5.5	2878 6940
	439130	ESTs	AA306090	Hs.345588	5.5	3378 7361
	448848	hypothetical protein	AF131851	Hs.22241	5.5	4042 4043 7931
25	413053	ESTs, Moderately similar to KIAA1399 pr		Hs.65377	5.5	674 5306
35	432693	ESTs	AW449630	Hs.293790	5.5	2900 6958
	425428	DKFZP586B0621 protein	AL110261	Hs.157211	5.5	2104 2105 6372
	451952	ESTs	AL120173	Hs.301663	5.5	4264 8111
	408562	roundabout (axon guidance receptor, Dro		Hs.31141	5.5	240 4971
40	441607	neuronal cell adhesion molecule	NM_005010		5.5	3526 3527 7499
40	427596	extracellular glycoprotein EMILIN-2 pre	AA449506	Hs.270143	5.5	2350 6544
	422532	protective protein for beta-galactosida	AL008726	Hs.118126	5.5	1697 1698 6083
	457500	protein kinase, interferon-inducible do	NM_002759		5.5	4555 4556 8354
	435538	low density lipoprotein receptor-relate	AB011540	Hs.4930	5.5	3132 3133 7148
45	448520	doublecortin and CaM kinase-like 1	AB002367	Hs.21355	5.5	4010 4011 7907
<del>4</del> 3	415689	ESTs	AW959615	Hs.111045	5.5	938 5512
	409248	KIAA1209 protein	AB033035	Hs.51965	5.5	330 331 5040
	408660	ESTs, Moderately similar to PC4259 ferr	AA525775	Hs.89040	5.5	247 4977
	445162	piccolo (presynaptic cytomatrix protein	AB011131	Hs.12376	5.5	3749 3750 7693
50	449029 400288	solute carrier family 7 (cationic amino	N28989 X06256	Hs.22891	5.5 5.4	4058 7942
50	400295	integrin, alpha 5 (fibronectin receptor Al905687:IL-BT095-190199-019 BT095 H		Hs.149609 Hs.348419	5.4	1 2 4614 6 4617
	445439	regulator of nonsense transcripts 1	BE243084	Hs.12719	5.4	3770 7708
	419726	bone morphogenetic protein 1	U50330	Hs.12713	5.4	1376 1377 5848
	431457	integrin, alpha 11	NM_012211		5.4	2787 2788 6870
55	417412	interleukin 1 receptor, type I	X16896	Hs.82112	5.4	1116 1117 5652
-	417259	chondroitin sulfate proteoglycan 2 (ver	AW903838	Hs.81800	5.4	1092 5632
	418867	msh (Drosophila) homeo box homolog 2	D31771	Hs.89404	5.4	1277 1278 5772
	447709	GDNF family receptor alpha 2	U97145	Hs.19317	5.4	3949 3950 7856
	430439	DKFZP434B061 protein	AL133561	Hs.380155	5.4	2695 2696 6803
60	429207	ESTs	AA447941	Hs.123423	5.4	2532 6686
	444006	type I transmembrane protein Fn14	BE395085	Hs.334762	5.4	3668 7627
	410889		X91662	Hs.66744	5.4	501 502 5164
	427585		D31152	Hs.179729	5.4	2349 6543
	429101	uterine-derived 14 kDa protein	AW452174	Hs.173780	5.4	2513 6672
65	447197	gb:yh88b01.s1 Soares placenta Nb2HP H	om R36075	Hs.358552	5.4	3897 7813
	422648	Melanoma associated gene	D86983	Hs.118893	5.4	1720 1721 6100
	426485	platelet-derived growth factor receptor	NM_006207	Hs.1 70040	5.4	2238 2239 6465
	421787	nuclear receptor subfamily 2, group C,	AA227068	Hs.108301	5.4	1594 6006
70	408741	carboxypeptidase A3 (mast cell)	M73720	Hs.646	5.4	252 253 4982
70	443184	ESTs	AI638728	Hs.135159	5.4	3607 7574
	433895	mitogen-activated protein kinase kinase	Al287912	Hs.3628	5.4	3014 7048
	453596	hypothetical protein FLJ14834	AA441838	Hs.62905	5.4	4428 8248
	424001	paternally expressed 10	W67883	Hs.137476	5.4	1882 6217
75	411263	kinesin-like 6 (mitotic centromere-asso	BE297802	Hs.69360	5.3	523 5182
75	447414	neuroblastoma (nerve tissue) protein	D82343	Hs.74376	5.3	3924 3925 7834
	450296	hepatocyte growth factor-regulated tyro	AL041949	Hs.24756	5.3	4153 8023
	421506	thymidine kinase 1, soluble	BE302796	Hs.105097	5.3	1550 5976
	424192	P311 protein	U30521	Hs.142827	5.3	1911 1912 6238
90	416140	roundabout (axon guidance receptor, Dro		Hs.301198	5.3	978 5545
80	452877	ESTs	AI250789	Hs.32478	5.3	4364 8193
	433819	ESTs	AW511097	Hs.110069	5.3	3007 7042
	440856	ESTs	AW993377	Hs.130390	5.3	3489 7465
	432101	EphA3	AI918950	Hs.123642	5.3	2841 6909
85	432988	ESTs, Weakly similar to IDN4-GGTR14 [H		Hs.251699	5.3	2921 6975
$\sigma_{\mathcal{J}}$	426514	bone morphogenetic protein 7 (osteogeni		Hs.170195	5.3	2246 6470
	431117	delta (Drosophila)-like 1	AF003522	Hs.250500	5.3	2751 2752 6842

	40.4000	-1-1-1-ti-a lavaina siabt-	41/004004	11- 2704	<b>5</b> 2	2027 2020 7000
	434269	similar to murine leucine-rich repeat p	AK001991	Hs.3781	5.3	3037 3038 7069
	420255	membrane metallo-endopeptidase (neutra			5.3	1438 1439 5896
	438828	hypothetical protein DKFZp761F2014	AL134275	Hs.6434	5.3	3356 7340
_	400297	hypothetical protein DKFZp564O1278	AI127076	Hs.288381	5.3	7 4618
5	422100	ADP-ribosylation factor-like 7	AI096988	Hs.111554	5.3	1644 6042
	441944	Homo sapiens clone 23767 and 23782 ml	RNA AW85586	1 Hs.8025	5.3	3541 7513
	407603	Homo sapiens, clone IMAGE:4299322, m	RNA AW9557	05 Hs.62604	5.3	144 4890
	453830	ESTs	AA534296	Hs.20953	5.3	4445 8263
	456181	ras inhibitor	L36463	Hs.1030	5.3	4516 4517 8321
10	412773	similar to vaccinia virus HindIII K4L O	H15785	Hs.74573	5.3	639 5276
10		ESTs	AI377043			1333 5816
	419405			Hs.42189	5.3	
	432791	sentrin/SUMO-specific protease	NM_014554		5.3	2907 2908 6963
	419999	ESTs	A1760942	Hs.191754	5.3	1406 5870
1.5	420238	ESTs, Weakly similar to 2109260A B cell		Hs.12549	5.3	1436 5894
15	456063	retinol-binding protein 4, interstitial	NM_006744	Hs.7 6461	5.3	4511 4512 8317
	437342	hypothetical protein DKFZp761K1423	AW903297	Hs.236438	5.3	3254 7251
	423057	ESTs, Moderately similar to I38022 hypo	AW961597	Hs.130816	5.3	1773 6139
	426148	Homo sapiens cDNA FLJ10728 fis, clone		Hs.167135	5.3	2179 6424
	417153	collagen, type II, alpha 1 (primary ost	X57010	Hs.81343	5.3	1084 1085 5625
20	419987	osteomodulin	NM_005014		5.3	1402 1403 5868
20		ESTs			5.3	317 5030
	409170		W91994	Hs.16145		
	414312	ESTs	AA155694	Hs.191060	5.3	800 5407
	418452	C-type (calcium dependent, carbohydrate		Hs.85201	5.3	1241 5744
25	426471	transforming growth factor, alpha	M22440	Hs.170009	5.2	2233 2234 6462
25	428342	Homo sapiens cDNA FLJ13458 fis, clone	P AI739168	Hs.349283	5.2	2432 6611
	444829	ubiquitin specific protease 22	AB028986	Hs.12064	5.2	3726 3727 7674
	443191	a disintegrin-like and metalloprotease	N93301	Hs.155824	5.2	3608 7575
	448197	KIAA1303 protein	AB037724	Hs.20677	5.2	3984 3985 7885
	414919	ESTs	AW087337	Hs.194461	5.2	890 5474
30	439319	ESTs	AW016401	Hs.2549	5.2	3392 7375
50		ESTs				
	424898		H17954	Hs.6664	5.2	2021 6314
	412577	CD163 antigen	Z22968	Hs.74076	5.2	608 609 5252
	419437	neogenin (chicken) homolog 1	U61262	Hs.90408	5.2	1338 1339 5820
25	408161	hypothetical protein MGC3032	AW952912	Hs.300383	5.2	195 4937
35	421485	hypothetical protein FLJ10134	AA243499	Hs.104800	5.2	1547 5974
	422550	microfibrillar-associated protein 4	BE297626	Hs.296049	5.2	1699 6084
	426716	sema domain, immunoglobulin domain (Ig			5.2	2264 2265 6481
	417079	interleukin 1 receptor antagonist	U65590	Hs.81134	5.2	1073 1074 5616
	439668	frizzled (Drosophila) homolog 8	AI091277	Hs.302634	5.2	3414 7397
40	452682				5.2	4340 8174
40		progesterone membrane binding protein	AA456193	Hs.374574		
	422170	anti-Mullerian hormone	Al791949	Hs:112432	5.2	1655 6051
	407216	lysyl oxidase	N91773	Hs.348385	5.2	123 4875
	421233	tetraspan NET-6 protein	AA209534	Hs.284243	5.2	1518 5955
4.5	436608	down syndrome critical region protein D	AA628980	Hs.192371	5.2	3205 7207
45	428698	KIAA1866 protein	AA852773	Hs.334838	5.2	2463 6635
	414821	Fc fragment of IgG, high affinity Ia, r	M63835	Hs.77424	5.2	876 877 5465
	426304	Homo sapiens cDNA FLJ11477 fis, clone		Hs.124673	5.1	2198 6438
	449679	tolloid-like 1	AI823951	Hs.129700	5.1	4106 7986
	410108	OSBP-related protein 6	AA081659		5.1	423 5108
50				Hs.318775		
50	409509	ESTs	AL036923	Hs.322710	5.1	353 5056
	434868	collagen, type VI, alpha 2	R50032	Hs.159263	5.1	3085 7106
	449897	transmembrane protein vezatin; hypothet		Hs.24135	5.1	4120 7998
	414024	gb:zm79g08.r1 Stratagene neuroepitheliu	AA134712	Hs.22410	5.1	769 5379
	418506	Unknown protein for MGC:29643 (formerly	y AA084248	Hs.372651	5.1	1247 5748
55	433513	ESTs	AI566356	Hs.171437	5.1	2985 7024
	416406	lipoma HMGIC fusion partner-like 2	D86961	Hs.79299	5.1	1001 1002 5564
	452078	ESTs	AA022620	Hs.52170	5.1	4283 8126
	416986	ESTs	AI471952	Hs.148676	5.1	1057 5603
	429480	elastin (supravalvular aortic stenosis,	M36860	Hs.9295	5.1	2565 2566 6712
60	439703	ESTs	AF086538	Hs.196245	5.1	3420 7403
00	414117	proteolipid protein 1 (Pelizaeus-Merzba	W88559	Hs.355807	5.1	777 5386
		glycoprotein (transmembrane) nmb	Al979168			
	408996			Hs.82226	5.1	291 5011
	434431	ESTs	AW131454	Hs.168571	5.1	3056 7082
65	440676	LIM and senescent cell antigen-like dom	NM_004987		5.1	3479 3480 7457
65	447217	neuropilin 2	BE465754	Hs.17778	5.1	3904 7819
	421362	hypothetical protein FLJ20043	AK000050	Hs.103853	5.1	1531 1532 5965
	441389	endocytic receptor (macrophage mannose	AF134838	Hs.7835	5.1	3514 3515 7488
	423857	Homo sapiens mRNA; cDNA DKFZp5640	0862 N48902	Hs.133481	5.1	1857 6200
	410132	Microfibril-associated glycoprotein-2	NM 003480	Hs.3 00946	5.1	425 426 5110
70	452410	Homo sapiens mRNA; cDNA DKFZp434E	2321 (AL1336	19 Hs.29383	5.1	4328 4329 8163
	423989	OLF-1/EBF associated zinc finger gene	AF221712	Hs.137168	5.1	1880 1881 6216
	441362	RAD51 (S. cerevisiae) homolog (E coli R		Hs.23044	5.1	3512 7486
	426283	kynureninase (L-kynurenine hydrolase)			5.0	
			NM_003937			2192 2193 6435
75	435854	putative ankyrin-repeat containing prot	AJ278120	Hs.4996	5.0	3157 3158 7166
75	448425	ESTs		Hs.371249	5.0	4004 7901
	439332	Homo sapiens mRNA; cDNA DKFZp547M				3393 7376
	422565	singed (Drosophila)-like (sea urchin fa	BE259035	Hs.118400	5.0	1701 6086
	450746	general transcription factor II, i	D82673	Hs.278589	5.0	4187 8051
	421822	coagulation factor XI (plasma thrombop)	AV650066	Hs.1430	5.0	1599 6010
80	452958	ESTs	AA883929	Hs.40527	5.0	4372 8200
	448410	hypothetical protein FLJ20220	AK000227	Hs.21126	5.0	4000 4001 7898
	437829	ESTs	AI358522	Hs.103834	5.0	3289 7282
		mouse double minute 2, human homolog				
	426479			Hs.170027	5.0	2235 2236 6463
85	446512	ESTS	H30351	Hs.207982	5.0	3848 7771
0)	437139	ESTs, Weakly similar to RTA RAT PROBA		Hs.118513	5.0	3238 7236
	442657	ESTs	BE502631	Hs.130645	5.0	3576 7546

	436291	protein regulator of cytokinesis 1	BE568452	Hs.344037	5.0	3180 7185
	408988	Homo sapiens clone TUA8 Cri-du-chat reg		Hs.49476	5.0	289 5009
	408968	hypothetical protein FLJ20644	Al652236	Hs.49376	5.0	286 5007
			AA931532	Hs.126836	5.0	3513 7487
5	441368 420737	ESTs CD70; tumor necrosis factor (ligand)	L08096	Hs.99899	5.0	1473 1474 5920
9	420173	ESTs	AA256151	Hs.22999	5.0	1426 5886
	443920	Homo sapiens cDNA FLJ13655 fis, clone		Hs.35304	5.0	3659 7620
	435370	ESTs	AI964074	Hs.225838	5.0	3120 7136
	453935	ESTs	AI633770	Hs.42572	5.0	4470 8281
10	412942	mitogen-activated protein kinase-activa	AL120344	Hs.75074	5.0	658 5293
10	456534	phospholipase C, beta 3, neighbor pseud		Hs.100623	5.0	4522 8326
	413094	TOLLIP protein	H24184	Hs.25413	5.0	680 5311
	415014	ESTs	AW954064	Hs.24951	5.0	900 5481
	412992	protease, serine, 11 (IGF binding)	Al423369	Hs.75111	5.0	666 5299
15	424512	integrin, beta 5	X53002	Hs.149846	5.0	1968 1969 6277
	449969	Homo sapiens cDNA FLJ14337 fis, clone			5.0	4123 8001
	448498	ESTs	AA418276	Hs.375003	5.0	4007 7904
	418423	KIAA0513 gene product	NM_014732		5.0	1239 1240 5743
	416051	mannosidase, alpha, class 1A, member 1		Hs.25253	5.0	966 5534
20	431448	hypothetical protein DKFZp564O1278	AL137517	Hs.306201	5.0	2785 2786 6869
	423400	Homo sapiens mRNA; cDNA DKFZp434M				1802 6159
	408374	forkhead box F1	AW025430	Hs.155591	5.0	216 4951
	425525	ESTs	AA358883	Hs.23871	5.0	2111 6377
	425703	collagen, type VI, afpha 2	X06195	Hs.159263	5.0	2126 2127 6387
25	457464	ESTs	AW972234	Hs.126680	4.9 .	4554 8353
	419452	PTK7 protein tyrosine kinase 7	U33635	Hs.90572	4.9	1340 1341 5821
	412708	ESTs, Weakly similar to CGHU7L collager	n R26830	Hs.106137	4.9	630 5268
	425818	matrix metalloproteinase 17 (membrane-i	AB021225	Hs.159581	4.9	2145 2146 6398
20	424876	Homo sapiens clone IMAGE:297403, mRI		Hs.269873	4.9	2016 6310
30	426075	ESTs, Weakly similar to 2109260A B cell		Hs.270149	4.9	2170 6417
	413401	ESTs	Al361861	Hs.118659	4.9	712 5332
	421680	Human DNA sequence from clone CTA-9		36 Hs.289106		1576 1577 5992
	402233	NM_030760*:Homo sapiens endothelial d			4.9	4674
25	414945	lymphocyte antigen 6 complex, locus E	BE076358	Hs.77667	4.9	894 5477
35	427254	ESTs	AL121523	Hs.97774	4.9	2312 6516
	432290	Homo sapiens cDNA FLJ10237 fis, clone		Hs.274273	4.9	2862 6926
	448888	caspase recruitment domain protein 6	AW196663	Hs.200242	4.9	4049 7935
	451333	hypothetical protein FLJ10052	AK000914	Hs.26244	4.9	4226 4227 8082
40	447436	Homo sapiens cDNA: FLJ21449 fis, clone	AI9329/1	Hs.18593	4.9	3928 7837
40	402507	Target Exon	NINA COOCEO	11- 4 70057	4.9	4683
	427557	plasminogen activator, urokinase recept	NM_002659		4.9	2343 2344 6539
	428411	ESTs	AW291464	Hs.10338	4.9 4.9	2439 6617
	418216 440952	AF15q14 protein ESTs	AA662240 AI291804	Hs.283099 Hs.118101	4.9	1206 5721 3490 7466
45	422684	H2A histone family, member Z	BE561617	Hs.119192	4.9	1726 6105
1.0	442173	KIAA0144 gene product	N76101	Hs.8127	4.9	3552 7524
	451743	ESTs -	AW074266	Hs.336428	4.9	4251 8101
	438545	KIAA1151 protein	AB032977	Hs.6298	4.9	3329 3330 7319
	424242	hypothetical protein MGC13102	AA337476	Hs.347408	4.9	1921 6243
50	453392	SRY (sex determining region Y)-box 11	U23752	Hs.32964	4.9	4416 4417 8239
	447270	general transcription factor IIIC, poly	AC002551	Hs.331	4.9	3910 3911 7824
	424765	hypothetical protein FLJ14033 similar t	AA428211	Hs.371383	4.9	1998 6297
	403909	Autosomal Highly Conserved Protein			4.9	4734
	423464	CSR1 protein	NM_016240	Hs.1 28856	4.8	1809 1810 6165
55	439456	hypothetical protein FLJ20980	AI752409	Hs.109314	4.8	3400 7383
	429612	pituitary tumor-transforming 1	AF062649	Hs.252587	4.8	2586 2587 6726
	452526	hypothetical protein MGC3040	W38537	Hs.280740	4.8	4336 8170
	411975	ESTs	AI916058	Hs.144583	4.8	564 5216
<b>C</b> 0	412359	gb:QV3-LT0048-140200-083-e05 LT0048	Hom AW8379	85 Hs.56729		583 5232
60	450812	MCF.2 cell line derived transforming se	AB002360	Hs.25515	4.8	4196 4197 8058
	417534	myosin IE	NM_004998		4.8	1131 1132 5660
	426400	Homo sapiens clone 25121 neuronal olfac		Hs.169743	4.8	2218 6452
	453874	collagen, type XIV, alpha 1 (undulin)	AW591783	Hs.36131	4.8	4456 8270
65	434924	hypothetical protein FLJ13433	AA443164	Hs.23259	4.8	3093 7112
05	421483	hypothetical protein MGC11333	NM_003388		4.8	1545 1546 5973
	418007	matrix metalloproteinase 1 (interstitia	M13509	Hs.83169	4.8	1177 1178 5697
	420261 451957	fibroblast growth factor receptor 1 (fm Homo sapiens cDNA FLJ13545 fis, clone	AW206093	Hs.748 Hs.10299	4.8 4.8	1440 5897 4265 8112
	451957	hypothetical protein MGC10858	AI377431	Hs.141693	4.8	4279 8122
70	444783	anillin (Drosophila Scraps homolog), ac	AK001468	Hs.62180	4.8	3722 3723 7672
, 0	456346	ESTs	AW974998	Hs.222430	4.8	4519 8323
	448140	BCM-like membrane protein precursor	AF146761	Hs.20450	4.8	3980 3981 7882
	427474	aggrecan 1 (chondroitin sulfate proteog	U13192	Hs.2159	4.8	2334 6532
_	418672	ESTs	L44284	Hs.12915	4.8	1266 5763
75	426064	Homer, neuronal immediate early gene, 3		Hs.166146	4.8	2168 6415
-	418327	paired-like homeodomain transcription f	U70370	Hs.84136	4.8	1217 1218 5729
	429351	hypothetical protein FLJ10628	AK001490	Hs.200016	4.8	2549 2550 6701
	431429	reticulon 3	AF072813	Hs.252831	4.8	2783 6867
00	437623	chromosome condensation-related SMC-a		Hs.5719	4.8	3275 3276 7269
80	409361	sine oculis homeobox (Drosophila) homol	NM_005982		4.8	344 345 5049
	442572	hypothetical protein FLJ22415	AI001922	Hs.135121	4.8	3569 7540
	433797	ESTs	AA609579	Hs.112724	4.8	3003 7039
	451052	Homo sapiens cDNA: FLJ22165 fis, clone		Hs.24444	4.8	4208 8068
05	421535	phosphoribosylformylglycinamidine synth			4.8	1557 1558 5981
85	442619	ESTs, Weakly similar to AF164793 1 prot			4.8	3575 7545
	428648	potassium voltage-gated channel, subfam	AF052728	Hs.188021	4.7	2459 2460 6632

	400615	Target Exon			4.7	4634
	446497	ESTs	AV658647	Hs.34226	4.7	3841 7766
	410422	Homo sapiens, clone MGC:15203, mRNA			4.7	462 5136
_	432842	hypothetical protein MGC4485	AW674093	Hs.334822	4.7	2911 6966
5	435021	ESTs	AA922192	Hs.73962	4.7	3097 7116
	450755	ESTs	AA010984	Hs.159464	4.7	4190 8054
	441266	Homo sapiens, clone IMAGE:3502329, m		Hs.293845	4.7	3505 7480
	425573	serine (or cysteine) proteinase inhibit	AB006423	Hs.158308	4.7	2116 2117 6381
10	415179	gb:HUM091D02B Human fetal brain (TFu			4.7	916 5493
10	422033	claudin 5 (transmembrane protein delete		Hs.110903	4.7	1626 6031
	447343	ESTs, Highly similar to S02392 alpha-2-	AA256641	Hs.236894	4.7	3916 7828
	433209	KIAA1474 protein	AB040907	Hs.278436	4.7	2953 2954 6999
	415115	hypothetical protein	AA214228	Hs.127751	4.7	910 5489
15	414577	hypothetical protein FLJ20992 similar t	AI056548 W17056	Hs.378938	4.7	832 5433
13	418156	nuclear receptor subfamily 1, group I,	AW401809	Hs.83623	4.7	1198 5715
	435149 416680	KIAA1150 protein brain abundant, membrane attached sign:		Hs.4779 Hs.79516	4.7	3110 7128
					4.7	1022 5578
	434577 459674	Homo sapiens cDNA: FLJ22487 fis, clone gb:zp53f03.r1 Stratagene NT2 neuronal p		Hs.179769	4.7 4.7	3062 7088 4595 8392
20	405267	NM_007116*:	70100311		4.7	4775
20	413031	phosphofructokinase, muscle	BE515051	Hs.75160	4.7	671 5304
	450065	transcriptional co-activator with PDZ-b	AL050107	Hs.24341	4.7	4130 4131 8006
	441440	ESTs	AI807981	Hs.30495	4.7	3519 7492
	433935	13kDa differentiation-associated protei	AF112208	Hs.44163	4.7	3018 3019 7052
25	447101	ESTs	N72185	Hs.44189	4.7	3890 7807
	438089	nuclear receptor subfamily 1, group I,	W05391	Hs.351546	4.7	3301 7294
	440086	v-ral simian leukemia viral oncogene ho	NM_005402		4.7	3450 3451 7432
	434558	ESTs	AW264102	Hs.39168	4.7	3061 7087
	451032	Homo sapiens mRNA; cDNA DKFZp564P		Hs.323079	4.7	4206 8066
30	439579	gb:Homo sapiens full length insert cDNA			4.7	3408 7391
	434423	LIM domain only 4	NM_006769	Hs.3 844	4.7	3054 3055 7081
	409829	lymphocyte-specific protein 1	M33552	Hs.56729	4.7	389 390 5083
	439734	cAMP response element-binding protein (	CAC005013	Hs.149	4.7	3426 7409
~ ~	429305	myelin protein zero-like 1	AF095727	Hs.287832	4.7	2542 2543 6695
35	408049	desmoplakin (DPI, DPII)	AW076098	Hs.345588	4.7	187 4929
	435099	flap structure-specific endonuclease 1	AC004770	Hs.4756	4.6	3104 3105 7123
	422110	secreted protein, acidic, cysteine-rich	AI376736	Hs.121555	4.6	1648 6045
	433556	calcium/calmodulin-dependent protein ki	W56321	Hs.111460	4.6	2987 7026
40	435937	ESTs	AA830893	Hs.119769	4.6	3164 7172
40	445936	hypothetical protein FLJ22329	BE543594	Hs.367653	4.6	3806 7736
	414706	KIAA0097 gene product	AW340125	Hs:76989	4.6	854 5449
	441834	KIAA0736 gene product	AL138034	Hs.7979	4.6	3539 7511
	445745	KIAA0455 gene product	AB007924	Hs.13245	4.6	3796 3797 7727
45	433028	AD-017 protein	AI199144	Hs.283737	4.6	2928 6980
70	428283	Homo sapiens mRNA; cDNA DKFZp564P				2420 6602
	446142 447598	ESTs ESTs	AI754693 AI799968	Hs.145968	4.6	3820 7748
	402812	NM_004930*:Homo sapiens capping prote		Hs.199630	4.6 4.6	3941 7848 4693
	406672	major histocompatibility complex, class	M26041	Hs.198253	4.6	43 44 4820
50	441859	interleukin-4 induced gene-1 protein (F	AW194364	Hs.380444	4.6	3540 7512
	437188	KIAA1814 protein	AL080221	Hs.375566	4.6	3240 7238
	416389	integrin, beta 5	AA180072	Hs.149846	4.6	998 5561
	424503	integrin, alpha 5 (fibronectin receptor	NM 002205		4.6	1965 1966 6275
	452242	gycosyltransferase	R50956	Hs.159993	4.6	4305 8145
55	453280	Homo sapiens mRNA; cDNA DKFZp761C				4410 8233
	421631	Homo sapiens mRNA; cDNA DKFZp434D	0720 ( AL137	551 Hs.10625	4 4.6	1571 5989
	453884	KIAA0186 gene product	AA355925	Hs.36232	4.6	4460 8274
	451050	ESTs	AW937420	Hs.351869	4.6	4588 8067
<b>~</b>	428645	ESTs, Weakly similar to 2017205A dihydr		Hs.98729	4.6	2458 6631
60	419983	Homo sapiens mRNA; cDNA DKFZp586E	1624 W55956	Hs.94030	4.6	1401 5867
	408503	ESTs, Weakly similar to T12552 hypothet		Hs.348603	4.6	233 4964
	410600	ESTs, Moderately similar to S65657 alph		Hs.351676	4.6	479 5147
	433882	procollagen-proline, 2-oxoglutarate 4-d	U90441	Hs.3622	4.6	3012 3013 7047
65	416914	brain and reproductive organ-expressed		Hs.80426	4.6	1045 5595
65	438411	gb:ys81c10.r1 Soares retina N2b4HR Hor		Hs.169370	4.6	3321 7311
	425082	inositol 1,4,5-triphosphate receptor, t	N44238	Hs.102991	4.6	2048 6333
	445930	Homo sapiens clone 24747 mRNA sequer	nce AFU55UUS	9 HS.13456	4.6	3804 7734
	402794	Target Exon	A1MO4 E 24 O	Un 142500	4.6	4691
70	408393	ESTs	AW015318	Hs.143509 Hs.155462	4.6	219 4953
70	425274 427933	minichromosome maintenance deficient (r ESTs	AW974643		4.6 4.6	2079 6356 2386 6573
	437664	ESTs, Moderately similar to ALU1_HUMA		Hs.190571	4.6	3277 7270
	402888	Target Exon	IN ANTOITTIA	115.300007	4.6	4698
	439195	gb:yw28d08.s1 Morton Fetal Cochlea Hor	no H89360		4.6	3381 7364
75	408920	fibronectin leucine rich transmembrane	AL120071	Hs.48998	4.6	276 4999
	439593	ESTs	BE073597	Hs.124863	4.6	3410 7393
	446659	ESTs	Al335361	Hs.226376	4.6	3865 7786
	428513	plexin C1	BE220806	Hs.184697	4.6	2451 6625
00	429047	ciliary neurotrophic factor receptor	NM_001842		4.6	2507 2508 6668
80	421292	ESTs, Weakly similar to ALU1_HUMAN A			4.5	1523 5959
	453828	ESTs	AW970960	Hs.293821	4.5	4444 8262
	407112	ESTs, Weakly similar to ALU7_HUMAN A			4.5	111 4863
	439737	Homo sapiens mRNA full length insert cD	AI751438	Hs.41271	4.5	3427 7410
9.5	403857	Target Exon		0.5-5	4.5	4730
85			AB014544 AA374181	Hs.21572 Hs.26799	4.5 4.5 4.5	4730 4015 4016 7910 4244 8096

	430410	tryptase beta 1	AF099144	Hs.347933	4.5	2689 2690 6799
	400289	matrix metalloproteinase 10 (stromelysi	X07820	Hs.2258	4.5	3 4 4615
	417640	protein C receptor, endothelial (EPCR)	D30857	Hs.82353	4.5	1143 5669
	429903	cyclin-dependent kinase 5, regulatory s		Hs.93597	4.5	2616 6746
5	452110	Homo sapiens cDNA FLJ11309 fis, clone		Hs.28005	4.5	4290 8132
,						
	445133	ESTs		Hs.198689	4.5	3745 7690
	448202	Rho guanine nucleotide exchange factor		Hs.20695	4.5	3986 3987 7886
	436808	ESTs	AA731602	Hs.120266	4.5	3217 7218
	406646	major histocompatibility complex, class	M33600	Hs.375570	4.5	36 37 4816
10	440087	hypothetical protein FLJ22678		Hs.7718	4.5	3452 7433
	442577	ESTs		Hs.163900	4.5	3571 7542
	436962	DKFZP564I052 protein		Hs.5364	4.5	3229 7228
	424265	hairy/enhancer-of-split related with YR		Hs.144287	4.5	1927 1928 6247
1.5	451399	ESTs		Hs.10432	4.5	4228 8083
15	430209	collagen, type V, alpha 3	AF177941	Hs.235368	4.5	2659 2660 6778
	418526	solute carrier family 16 (monocarboxyli	BE019020	Hs.85838	4.5	1251 5752
	425074	Homo sapiens cDNA: FLJ22165 fis, clone	AA495930	Hs.351869	4.5	2045 6331
	435575	triggering receptor expressed on myeloi		Hs.44234	4.5	3139 3140 7152
	402408	NM_030920*:Homo sapiens hypothetical			4.5	4681
20				Un 154442		
20	424308	minichromosome maintenance deficient (		Hs.154443	4.5	1932 6250
	428926	brain-specific angiogenesis inhibitor 1	NM_001702 F		4.5	2487 2488 6653
	410059	a disintegrin-like and metalloprotease	NM_007038 F	ds.5 8324	4.5	416 417 5103
	425272	ESTs, Weakly similar to C35826 hypothet	AA354138	Hs.47209	4.5	2078 6355
	448786	Homo sapiens cDNA FLJ11881 fis, clone	H BE048842	Hs.179075	4.5	4040 7929
25	424909	cell division cycle 25B		Hs.153752	4.5	2024 2025 6316
	448438	Homo sapiens cDNA FLJ11640 fis, clone		Hs.24654	4.5	4005 7902
	433180	K562 cell-derived leucine-zipper-like p		Hs.31854	4.5	2949 2950 6997
	437470	hypothetical protein DKFZp547D065		Hs.134742	4.5	3267 3268 7262
20	443164	ESTs, Weakly similar to ALU1_HUMAN A			4.5	3606 7573
30	450254	neuropeptide G protein-coupled receptor	NM_004885 F	ls.9 9231	4.5	4147 4148 8018
	417160	proteolipid protein 1 (Pelizaeus-Merzba	N76497	Hs.355807	4.5	1086 5626
	428977	cyclin B2	AK001404	Hs.194698	4.5	2496 6659
	436895	carbonic anhydrase XII		Hs.5338	4.5	3224 3225 7224
	429163	gb:am20a10.s1 Soares_NFL_T_GBC_S1			4.5	2521 6678
35	440516				4.5	
55		cadherin 2, type 1, N-cadherin (neurona		Hs.161		3472 3473 7451
	422737	collagen, type III, alpha 1 (Ehlers-Dan		Hs.119571	4.5	1730 1731 6108
	446388	NPD007 protein	AA292979	Hs.7788	4.5	3837 7763
	412896	major histocompatibility complex, class	AW804157	Hs.375570	4.5	653 5288
	451938	down-regulator of transcription 1, TBP-	AI354355	Hs.16697	4.5	4263 8110
40	411962	gb:zk85d12.r1 Soares_pregnant_uterus_f	Nb AA099050		4.5	563 5215
	426618	smg GDS-ASSOCIATED PROTEIN	AL036456	Hs 171374	4.5	2259 6477
	421389	Homo sapiens cDNA FLJ12777 fis, clone		Hs.101064	4.5	1537 5968
	407721	dual-specificity tyrosine-(Y)-phosphory		Hs.38018	4.5	153 154 4898
15	424330	Homo sapiens cDNA FLJ13596 fis, clone			4.5	1936 6253
45	438855	Homo sapiens mRNA; cDNA DKFZp586J			4.5	3359 7343
	437446	ESTs, Moderately similar to CA1C RAT C	O AA788946 I	Hs.101302	4.5	3264 7259
	445424	cortactin SH3 domain-binding protein	AB028945 I	Hs.12696	4.5	3767 3768 7706
	433859	ESTs		Hs.273789	4.5	3010 7045
	417512	glycoprotein (transmembrane) nmb		Hs.82226	4.5	1127 1128 5658
50	436159	ESTs		Hs.369849	4.5	3172 7178
50				15.303043		4763
	404913	NM_024408*:Homo sapiens Notch (Drosc			4.5	
	428269	ESTs, Moderately similar to ZN91_HUMA		Hs.95659	4.5	2416 6598
	431674	G-protein coupled receptor		Hs.301642	4.5	2809 6885
	446219	ESTs	AI287344	Hs.369078	4.4	3826 7754
55	434175	ESTs	AW979081 I	Hs.165469	4.4	3032 7065
	419733	Homo sapiens cDNA FLJ14415 fis, clone	H AW362955	Hs.356547	4.4	1378 5849
	423872	uronyl 2-sulfotransferase		Hs.134015	4.4	1859 1860 6202
	424874	Homo sapiens cDNA FLJ20812 fis, clone		Hs.326413	4.4	2015 6309
60	451460			Hs.209652	4.4	4232 8087
UU	411573	KIAA1077 protein		Hs.70823	4.4	542 543 5199
	446673	LPAP for lysophosphatidic acid phosphat			4.4	3866 3867 7787
	450835	hypothetical protein FLJ10767		Hs.25584	4.4	4199 8060
	450087	MUM2 protein	BE293180 I	Hs.24379	4.4	4133 8008
	446522	putative receptor protein	NM_003876 F	fs.1 5196	4.4	3850 3851 7773
65	409799	phosphoserine phosphatase-like		Hs.76845	4.4	387 5081
	416737	LIM domain protein		Hs.79691	4.4	1028 1029 5582
	422949	gb:EST21657 Adrenal gland tumor Homo			4.4	1761 6129
	443114	ESTs		Hs.368631	4.4	3602 7569
70	458629	Homo sapiens cDNA FLJ13565 fis, clone			4.4	4577 8374
70	436396	wingless-type MMTV integration site fam	Al683487 I	Hs.152213	4.4	3184 7189
	415906	Homo sapiens cDNA: FLJ22256 fis, clone	AI751357	Hs.288741	4.4	956 5526
	414931	Homo sapiens mRNA; cDNA DKFZp761M	10223 AK00034	2 Hs.77646	4.4	891 892 5475
	418836	ESTs		Hs.161712	4.4	1276 5771
	413278	interferon-stimulated protein, 15 kDa		Hs.833	4.4	695 5322
75	400292	NAME OMITTED receptor kinase		Hs.72472	4.4	5 4616
, ,						
	425139	protease, serine, 23		Hs.25338	4.4	2054 6338
	423332	sorting nexin 7		Hs.127241	4.4	1795 6155
	443105	chondroitin sulfate proteoglycan 4 (mel		Hs.9004	4.4	3600 3601 7568
00	441297	ubiquitin-conjugating enzyme E2E 1 (hom	AW403084 I	Hs.7766	4.4	3508 7483
80	424834	Homo sapiens cDNA FLJ10570 fis, clone	N AK001432 I	Hs.153408	4.4	2009 6304
	422573	integrin, alpha V (vitronectin recepto		Hs.295726	4.4	1704 6088
	447200	Homo sapiens cDNA FLJ14028 fis, clone		Hs.281434	4.4	3899 7815
	438640	low density lipoprotein receptor-relate		Hs.6347	4.4	3343 3344 7329
85	454024	hypothetical protein FLJ23403		Hs.293907	4.4	4481 8290
03	456940	ESTs		Hs.31861	4.4	4534 8336
	409124	N-acetylglucosaminidase, alpha- (Sanfil	AW292809 H	Hs.50727	4.4	307 5023
	100121					

	438274	ESTs	A1918906	Hs.55080	4.4	3313 7304
	417819	ESTs	Al253112	Hs.133540	4.4	1160 5683
	413020	gb:yr31h09.r1 Soares fetal liver spleen	R98736		4.4	670 5303
	419086	Kallmann syndrome 1 sequence	NM_000216	Hr 9 0501	4.4	1300 1301 5789
5						
5	433075	sortilin 1	NM_002959		4.4	2936 2937 6987
	452461	transcription factor	N78223	Hs.108106	4.4	4333 8167
	445547	galactosylceramidase (Krabbe disease)	D86181	Hs.273	4.3	3782 3783 7717
	444838	ESTs	AV651680	Hs.208558	4.3	3728 7675
	414416	hypothetical protein MGC2721	AW409985	Hs.76084	4.3	813 5417
10	408449		NM_004408		4.3	224 225 4958
10		dynamin 1				
	425289	interferon, gamma-inducible protein 16	AW139342	Hs.155530	4.3	2082 6358
	426265	ESTs	AA421069	Hs.97896	4.3	2189 6432
	450222	TATA box binding protein (TBP)-associat	U75308	Hs.24644	4.3	4143 4144 8016
	450385	synuclein, alpha interacting protein (s	Al631024	Hs.24948	4.3	4162 8030
15	416498	potassium channel, subfamily K, member		Hs.79351	4.3	1007 1008 5568
13						
	410268	six transmembrane epithelial antigen of	AA316181	Hs.61635	4.3	441 5120
	438913	ESTs	Al380429	Hs.172445	4.3	3364 7347
	410055	gene for serine/threonine protein kinas	AJ250839	Hs.58241	4.3	414 415 5102
	430547	diacylglycerol kinase, iota	NM_004717		4.3	2707 2708 6811
20						
20	430030	lectin, galactoside-binding, soluble, 1	BE300094	Hs.227751	4.3	2641 6764
	406627	ESTs	T64904	Hs.163780	4.3	30 4812
	450001	solute carrier family 6 (neurotransmitt	NM_001044	Hs.4 06	4.3	4127 4128 8004
	427578	ESTs, Highly similar to TUL3_HUMAN TU			4.3	2347 6541
	417791	ESTs	AW965339	Hs.44269	4.3	1158 5681
25						
23	426250	Homo sapiens cDNA FLJ11752 fis, clone		Hs.183702	4.3	2188 6431
	409893	minichromosome maintenance deficient (	S AVV247090	Hs.57101	4.3	397 5088
	403908	Autosomal Highly Conserved Protein			4.3	4733
	426316	meningioma (disrupted in balanced trans	NM_002430	Hs.2 68515	4.3	2203 2204 6441
	439402	ESTs	W02753	Hs.103002	4.3	3395 7378
30						
50	410275	transcription factor AP-2 gamma (activa	U85658	Hs.61796	4.3	445 446 5123
	421802	Homo sapiens, Similar to CGI-78 protein	BE261458	Hs.108408	4.3	1595 6007
	426365	RNA binding motif protein 8B	AA376667	Hs.380056	4.3	2212 6447
	426207	HSPC182 protein	BE390657	Hs.30026	4.3	2186 6429
	433036	ESTs	AA574091	Hs.105964	4.3	2929 6981
35						
55	416640	neuron-specific protein	BE262478	Hs.13406	4.3	1019 5576
	412723	hypothetical protein AF301222	AA648459	Hs.335951	4.3	634 5271
	446548	ESTs	Al769392	Hs.200215	4.3	3856 7777
	422526	ESTs	AA311763	Hs.131056	4.3	1695 6081
	422656	LIM homeobox protein 2	AI870435	Hs.1569	4.3	1722 6101
40	452223		AA425467		4.3	4302 8142
70		hypothetical protein MGC2827		Hs.8035		
	433800	lung type-I cell membrane-associated gl	AI034361	Hs.135150	4.3	3004 7040
	408447	Homo sapiens cDNA FLJ11227 fis, clone	P AK002089	Hs.45080	4.3	223 4957
	411408	calcium channel, voltage-dependent, L t	U76666	Hs.69949	4.3	534 535 5192
	416072	growth associated protein 43	AL110370	Hs.79000	4.3	969 5537
45	425580		L11144			
73		galanin		Hs.1907	4.3	2118 2119 6382
	443907	TYRO protein tyrosine kinase binding pr	AU076484	Hs.9963	4.3	3656 7617
	424084	hypothetical protein FLJ23056	AI940675	Hs.20914	4.3	1895 6226
	422828	prion protein 2 (dublet)	AL133396	Hs.348821	4.3	1744 1745 6117
	435523	membrane-spanning 4-domains, subfamil		Hs.11090	4.3	3131 7147
50	409956	inhibin, beta A (activin A, activin AB	AW103364	Hs.727	4.3	400 5091
50						
	432787	HSPC054 protein	NM_014152		4.3	2905 2906 6962
	422168	S100 calcium-binding protein A7 (psoria	AA586894	Hs.112408	4.3	1654 6050
	439165	KCNQ1 overlapping transcript 1	AA029517	Hs.95162	4.3	3379 7362
	406431	NM_024867*:Homo sapiens hypothetical	or		4.3	4806
55	422609	sialidase 1 (lysosomał sialidase)	Z46023	Hs.118721	4.3	1711 6093
-	435256					
		cytokine-like protein C17	AF193766	Hs.13872	4.3	3116 3117 7133
	435520	HNOEL-iso protein	AA297990	Hs.9315	4.3	3130 7146
	453876	ESTs, Weakly similar to I38022 hypothet		Hs.110406	4.3	4457 8271
	451752	KIAA1171 protein	AB032997	Hs.353087	4.3	4252 4253 8102
60	410188	hypothetical protein DKFZp586H0623	AL096739	Hs.107260	4.3	429 430 5113
· -	416283	vascular endothelial growth factor C	NM_005429		4.3	985 986 5551
		proliferating cell nuclear antigen				
	416065		BE267931	Hs.78996	4.3	968 5536
	408331	dual specificity phosphatase 12	NM_007240		4.3	211 212 4948
<i></i>	438337	hypothetical protein FLJ11196	AK002058	Hs.6166	4.3	3317 3318 7308
65	429687	nucleoporin 153kD	AI675749	Hs.211608	4.3	2605 6737
	453085	KIAA0251 protein	AW954243	Hs.351573	4.3	4390 8216
	411943	ESTs, Weakly similar to S44608 C02F5.6		Hs.7962	4.3	562 5214
	430299	serine carboxypeptidase 1 precursor pro	W28673	Hs.106747	4.3	2678 6792
70	435461	ESTs	AI075846	Hs.133996	4.3	3127 7143
70	423032	RAS p21 protein activator (GTPase activ	AI684746	Hs.119274	4.3	1771 6137
	421079	NCK adaptor protein 2	AW404994	Hs.101695	4.3	1504 5943
	412652	ESTs	AI801777	Hs.352554	4.3	626 5264
	418102	hypothetical protein MGC15880	R58958	Hs.26608	4.3	1192 5709
75	422938	centromere protein A (17kD)	NM_001809		4.3	1759 1760 6128
75	428305	cartilage linking protein 1	AA446628	Hs.2799	4.3	2426 6607
	432241	KIAA1151 protein	AI937060	Hs.6298	4.3	2858 6922
	433969	ESTs, Weakly similar to PC4395 mucin 3	AW207279	Hs.271786	4.3	3020 7053
	441224	calumenin	AU076964	Hs.7753	4.3	3504 7479
	435472	triggering receptor expressed on myeloi	AW972330		4.3	
80				Hs.283022		3129 7145
SU	413672	gb:QV0-HT0368-310100-091-h10 HT0368				737 5353
	410552	fibroblast growth factor receptor 1 (fm	X66945	Hs.748	4.3	474 475 5144
	448775	nudix (nucleoside diphosphate linked mo	AB025237	Hs.388	4.3	4036 4037 7927
	435837	Homo sapiens cDNA FLJ11431 fis, clone		Hs.187276	4.2	3156 7165
	452698	chemokine (C-C motif) receptor 1	NM_001295		4.2	4343 4344 8177
85	431825	ESTs	AI983564			
00				Hs.292917	4.2	2826 6899
	409021	fatty acid binding protein 3, muscle an	AA156640	Hs.49881	4.2	295 5014

	450005	1164 4			4.0	4400 4400 0070
	453905	LIM domain kinase 1	NM_002314		4.2	4462 4463 8276
	450414	KIAA1716 protein	AI907735	Hs.21446	4.2	4165 8033
	440105	Homo sapiens clone 23809 mRNA seque	nce AA69401	0 Hs.6932	4.2	3455 7435
_	435142	ESTs	AI051967	Hs.110122	4.2	3109 7127
5	446006	deafness, autosomal dominant 5	NM_004403		4.2	3808 3809 7738
•	447674	cyclin-dependent kinase 2	BE270640	Hs.19192	4.2	3947 7854
	413821	ESTs, Weakly similar to C4HU compleme			4.2	746 5361
	453910	Kruppel-like zinc finger protein GLIS2	AL133794	Hs.16313	4.2	4464 8277
10	416137	ubiquitin activating enzyme E1-like pro	BE279513	Hs.278607	4.2	977 5544
10	407116	ESTs	AA130986	Hs.271627	4.2	112 4864
	417387	ESTs	AW021102	Hs.21509	4.2	1108 5646
	412719	ESTs	AW016610	Hs.816	4.2	633 5270
	444001	ESTs, Moderately similar to \$65657 alph	AI095087	Hs.152299	4.2	3667 7626
	443351	Homo sapiens cDNA FLJ13471 fis, clone			4.2	3617 7583
15	432235	ESTs	AA531129	Hs.190297	4.2	2855 6920
10	429978		AA249027		4.2	
		ribosomal protein S6		Hs.353161		2629 6757
	401621	NM_025193:Homo sapiens 3 beta-hydrox			4.2	4656
	415321	ESTs, Weakly similar to A47582 B-cell g		Hs.268723	4.2	922 5498
20	436449	ESTs	AI418027	Hs.120361	4.2	3189 7194
20	416860	actin filament associated protein	D25248	Hs.80306	4.2	1043 5593
	411089	cell division cycle 2-like 1 (PITSLRE p	AA456454	Hs.214291	4.2	513 5173
	403903	C5001632*:gi[10645308]gb[AAG21430.1]			4.2	4731
	420834	ESTs	AA837124	Hs.88780	4.2	1484 5928
	453754	ESTs	AW972580	Hs.172753	4.2	4438 8257
25						
23	431350	ESTs	Al192528	Hs.164537	4.2	2775 6860
	452056	Homo sapiens, clone IMAGE:4054156, m				4280 8123
	412014	ESTs, Weakly similar to A46010 X-linked		Hs.43761	4.2	566 5218
	438867	opiate receptor-like 1	AW451157	Hs.2859	4.2	3362 7345
	448684	hypothetical protein FLJ13390 similar t	AA923142	Hs.24884	4.2	4026 7918
30	450066	ESTs, Weakly similar to 138022 hypothet		Hs.252692	4.2	4132 8007
	407792	putative secreted ligand homologous to	AI077715	Hs.39384	4.2	162 4906
	448103	hypothetical protein FLJ11362	AA968672	Hs.8929	4.2	
						3976 7878
	414152	thrombospondin 4	NM_003248		4.2	782 783 5391
25	422766	heparan sulfate (glucosamine) 3-0-sulfo	AA334108	Hs.159572	4.2	1735 6111
35	414178	ESTs, Weakly similar to I38022 hypothet	AW957372	Hs.46791	4.2	788 5396
	426890	ESTs	AA393167	Hs.41294	4.2	2283 6494
	421814	thrombospondin 2	L12350	Hs.108623	4.2	1596 1597 6008
	435906	SAR1 protein	Al686379	Hs.110796	4.2	3161 7169
	438461	phosphoserine aminotransferase	AW075485	Hs.286049	4.2	3326 7316
40	439706	ESTs, Weakly similar to DAP1_HUMAN [			4.2	3421 7404
10						
	418117	linker for activation of T cells	AI922013	Hs.83496	4.2	1195 5712
	439815	hypothetical protein FLJ20420	AA206079	Hs.6693	4.2	3433 7416
	419271	ESTs	N34901	Hs.348603	4.2	1324 5808
4.5	451691	ESTs .	AI809278	Hs.208152	4.2	4248 8099
45	420900	ESTs	AL045633	Hs.44269	4.2	1490 5933
	440524	ESTs	R71264	Hs.16798	4.2	3474 7452
	431988	protein kinase C, beta 1	AC002302	Hs.349845	4.2	2837 6906
	412580	similar to CABLES [Homo sapiens]	AA113262	Hs.17901	4.2	610 5253
	457313					
50		transcriptional coactivator	AF047002	Hs.241520	4.2	4544 4545 8345
50	416361	ESTs, Weakly similar to CA13_HUMAN C			4.2	995 5558
	425077	synovial sarcoma translocation gene on	AB014593	Hs.154429	4.2	2046 2047 6332
	413945	CD14 antigen	NM_000591	Hs.7 5627	4.2	758 759 5371
	427790	hypothetical protein MGC8641	NM_002887	Hs.1 80832	4.2	2369 2370 6560
	453931	ESTs	AL121278	Hs.25144	4.2	4469 8280
55	431410	ESTs	AW299534	Hs.105739	4.2	2781 6865
	410512	hypothetical protein MGC3180	AA085603	Hs.250570	4.2	468 5140
	447726	matrilin 2	AL137638	Hs.19368	4.1	3953 3954 7859
	434826	pyruvate dehydrogenase phosphatase	AF155661	Hs.22265	4.1	3078 3079 7101
	402685		AI 155001	113.22203		4687
60		Target Exon ESTs, Weakly similar to T17227 hypothet	*****		4.1	
00	440028	COLO. MEGANY SHERRING LETZZE HYDONREI		He 367640		
	120110			Hs.367649	4.1	3446 7428
	428418	ESTs	Al368826	Hs.8768	4.1	2441 6619
	416404	ESTs ESTs	Al368826 AA180138	Hs.8768 Hs.107924	4.1 4.1	2441 6619 1000 5563
	416404 435181	ESTs ESTs KIAA1571 protein	AI368826 AA180138 AA669339	Hs.8768 Hs.107924 Hs.28838	4.1 4.1 4.1	2441 6619 1000 5563 3112 7130
	416404	ESTs ESTs	Al368826 AA180138	Hs.8768 Hs.107924	4.1 4.1	2441 6619 1000 5563
65	416404 435181	ESTs ESTs KIAA1571 protein ESTs	AI368826 AA180138 AA669339 AI017208	Hs.8768 Hs.107924 Hs.28838 Hs.131149	4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552
65	416404 435181 442767 427528	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (	AI368826 AA180138 AA669339 AI017208 S AU077143	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565	4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537
65	416404 435181 442767 427528 456327	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient ( ESTs	AI368826 AA180138 AA669339 AI017208 AU077143 H68741	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774	4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322
65	416404 435181 442767 427528 456327 437763	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient ( ESTs tissue inhibitor of metalloproteinase 1	AI368826 AA180138 AA669339 AI017208 AU077143 H68741 AA469369	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774 Hs.5831	4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278
65	416404 435181 442767 427528 456327 437763 458823	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTS ESTS ESTS ESTS ESTS ESTS ESTS	AI368826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501	4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278 4581 8378
	416404 435181 442767 427528 456327 437763 458823 458997	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs ESTs	AI368826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501 Hs.351869	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278 4581 8378 4588 8384
65 70	416404 435181 442767 427528 456327 437763 458823 458997 444207	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs cathepsin D (lysosomal aspartyl proteas	AI368826 AA180138 AA669339 AI017208 5 AU077143 H68741 AA469369 AW207574 AW937420 AI565004	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501 Hs.351869 Hs.374415	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278 4581 8378 4588 8384 3686 7643
	416404 435181 442767 427528 456327 437763 458823 458823 458997 444207 415812	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat	AI368826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420 AI565004 AA077268	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501 Hs.351869 Hs.374415 Hs.78865	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278 4581 8378 4581 8378 4588 8384 3686 7643 949 5521
	416404 435181 442767 427528 456327 437763 458823 458997 444207 415812 416823	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs	AI368826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420 AW937420 AM9565004 AA077268 N68454	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501 Hs.351869 Hs.374415 Hs.78865 Hs.16222	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278 4581 8378 4588 8384 3686 7643 949 5521 1037 5588
	416404 435181 442767 427528 456327 437763 458823 458997 444207 415812 416823 414907	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs polo (Drosophia)-like kinase	AI368826 AA180138 AA669339 AI017208 AU077143 H68741 AA469369 AW207574 AW937420 AI565004 AA077268 M68454 X90725	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501 Hs.351869 Hs.374415 Hs.78865	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278 4581 8378 4581 8378 4588 8384 3686 7643 949 5521
70	416404 435181 442767 427528 456327 437763 458823 458997 444207 415812 416823	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs	AI368826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420 AW937420 AM9565004 AA077268 N68454	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501 Hs.351869 Hs.374415 Hs.78865 Hs.16222	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278 4581 8378 4588 8384 3686 7643 949 5521 1037 5588
	416404 435181 442767 427528 456327 437763 458823 458997 444207 415812 416823 414907	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs polo (Drosophia)-like kinase ESTs	AI368826 AA180138 AA669339 AI017208 AU077143 H68741 AA469369 AW207574 AW937420 AI565004 AA077268 M68454 X90725	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501 Hs.351869 Hs.374415 Hs.78865 Hs.16222 Hs.7597 Hs.136888	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278 4581 8378 4581 8378 4588 8384 3686 7643 949 5521 1037 5588 886 887 5472 3324 7314
70	416404 435181 442767 427528 456327 437763 458823 458997 444207 415812 416823 414907 438454 432435	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs polo (Drosophia)-like kinase ESTs ESTs	AJ36826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420 AW937420 AA077268 N68454 X90725 AJ377324 BE218886	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501 Hs.374415 Hs.78665 Hs.16222 Hs.77597 Hs.136888 Hs.282070	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278 4581 8378 4588 8384 3686 7643 949 5521 1037 5588 868 887 5472 3324 7314 2874 6936
70	416404 435181 442767 427528 456327 437763 458823 458997 444207 415812 416823 414907 438454 432435 428344	ESTs ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs polo (Drosophia)-like kinase ESTs ESTs ESTs ESTs Homo sapiens cDNA FLJ12425 fis, clone	AI368826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420 AI565004 AA077268 N68454 X90725 AI377324 BE218886 M AW449466	Hs. 8768 Hs. 107924 Hs. 28838 Hs. 131149 Hs. 179565 Hs. 38774 Hs. 5831 Hs. 179501 Hs. 351869 Hs. 374415 Hs. 78865 Hs. 16222 Hs. 77597 Hs. 136888 Hs. 136888 Hs. 282070 Hs. 9299	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278 4581 8378 4588 8384 3686 7643 949 5521 1037 5588 886 887 5472 3324 7314 2874 6936 2433 6612
70	416404 435181 442767 427528 456327 437763 458823 458897 444207 415812 416823 414907 438454 432435 428344 432106	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs polo (Drosophia)-like kinase ESTs ESTs ESTs Homo sapiens cDNA FLJ12425 fis, clone ESTs, Weakly similar to RETROVIRUS-R	AI368826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420 AI565004 AA077268 M68454 X90725 AI377324 BE218886 M AW449466 ELA N58323	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501 Hs.351869 Hs.374415 Hs.78865 Hs.16222 Hs.77597 Hs.136888 Hs.282070 Hs.9299 Hs.269098	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 2385 7278 4581 8378 4588 8384 3686 7643 949 5521 1037 5588 886 887 5472 3324 7314 2874 6936 2433 6612 2842 6910
70	416404 435181 442767 427528 456327 437763 458823 458897 444207 415812 416823 414907 438454 432435 428344 432106 408705	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs polo (Drosophia)-like kinase ESTs Homo sapiens cDNA FLJ12425 fis, clone ESTs, Weakly similar to RETROVIRUS-R HSPCO34 protein	AI368826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420 AI565004 AA077268 M68454 X90725 AI377324 BE218886 M AW449466 ELA N58323 AA312135	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501 Hs.351869 Hs.374415 Hs.78865 Hs.18622 Hs.77597 Hs.136888 Hs.282070 Hs.9299 Hs.269998 Hs.46967	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278 4581 8378 4581 8378 4581 8378 4586 7643 949 5521 1037 5588 886 887 5472 3324 7314 2874 6936 2433 6612 2842 6910 250 4980
70 75	416404 435181 442767 427528 456327 437763 458823 458823 458997 444207 415812 416823 414907 438454 432435 428344 432106 408705 409702	ESTs ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs polo (Drosophia)-like kinase ESTs ESTs Homo sapiens cDNA FLJ12425 fis, clone ESTs, Weakly similar to RETROVIRUS-R HSPCO34 protein eukaryotic translation elongation facto	AJ36826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420 AI565004 AA077268 N68454 X90725 AJ377324 BE218886 M AW449466 ELM N58323 AA312135 AI752244	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501 Hs.374415 Hs.374415 Hs.78665 Hs.16222 Hs.77597 Hs.136888 Hs.282070 Hs.9299 Hs.269098 Hs.269098 Hs.36967 Hs.351558	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278 4581 8378 4588 8384 3686 7643 349 5521 1037 5588 886 887 5472 3324 7314 2874 6936 2433 6612 2842 6910 250 4980 380 5075
70	416404 435181 442767 427528 456327 437763 458823 458997 444207 415812 416823 414907 438454 432435 432436 408705 409702 412802	ESTs ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs polo (Drosophia)-like kinase ESTs ESTs ESTs Homo sapiens cDNA FLJ12425 fis, clone ESTs, Weakly similar to RETROVIRUS-R HSPCO34 protein eukaryotic translation elongation facto aquaporin 1 (channel-forming integral p	AI368826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420 AI565004 AA077268 N68454 X90725 AI37324 BE218886 M AW449466 ELA N58323 AA312135 AA1752244 U41518	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501 Hs.351869 Hs.374415 Hs.78665 Hs.16222 Hs.77597 Hs.13688 Hs.282070 Hs.9299 Hs.269098 Hs.269098 Hs.26907 Hs.361558 Hs.74602	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 2385 7278 4581 8378 4588 8384 3686 7643 949 5521 1037 5588 886 887 5472 3324 7314 2874 6936 2433 6612 2842 6910 250 4980 380 5075 645 646 5282
70 75	416404 435181 442767 427528 456327 437763 458823 458897 444207 415812 416823 414907 438454 432435 428344 432106 408705 409702 412802 434095	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs polo (Drosophia)-like kinase ESTs ESTs ESTs Homo sapiens cDNA FLJ12425 fis, clone ESTs, Weakly similar to RETROVIRUS-R HSPCO34 protein eukaryotic translation elongation facto aquaporin 1 (channel-forming integral p milk fat globule-EGF factor 8 protein (	AI368826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420 AI565004 AA077268 N68454 X90725 AI377324 BE218886 M AW449466 ELA N58323 AA312135 AI752244 U41518 AA011117	Hs.8768 Hs.107924 Hs.28838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501 Hs.351869 Hs.374415 Hs.7865 Hs.16222 Hs.77597 Hs.136888 Hs.282070 Hs.9299 Hs.269098 Hs.46967 Hs.351558 Hs.74602 Hs.3745	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 2345 7278 4588 8384 3686 7643 949 5521 1037 5588 886 887 5472 3324 7314 2874 6936 2433 6612 2842 6910 250 4980 380 5075 645 646 5282 3028 7061
70 75	416404 435181 442767 427528 456327 437763 458823 458997 444207 415812 416823 414907 438454 432435 432436 408705 409702 412802	ESTs ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs minichromosome maintenance deficient (SESTs ESTs ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs polo (Drosophia)-like kinase ESTs ESTs Homo sapiens cDNA FLJ12425 fis, clone ESTs, Weakly similar to RETROVIRUS-R HSPCO34 protein eukaryotic translation elongation facto aquaporin 1 (channel-forming integral p milk fat globule-EGF factor 8 protein ( KIAA1474 protein	AJ36826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420 AJ565004 AA077268 N68454 X90725 AJ377324 BE218886 M AW449466 ELA N58323 AA312135 AI752244 U41518 AA0111117 AA258282	Hs. 8768 Hs. 107924 Hs. 28838 Hs. 131149 Hs. 179565 Hs. 38774 Hs. 5831 Hs. 179501 Hs. 351869 Hs. 374415 Hs. 78665 Hs. 16222 Hs. 77597 Hs. 136888 Hs. 282070 Hs. 9299 Hs. 269098 Hs. 46967 Hs. 351558 Hs. 74602 Hs. 3745 Hs. 3745 Hs. 278436	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 2385 7278 4581 8378 4588 8384 3686 7643 949 5521 1037 5588 886 887 5472 3324 7314 2874 6936 2433 6612 2842 6910 250 4980 380 5075 645 646 5282
70 75	416404 435181 442767 427528 456327 437763 458823 458897 444207 415812 416823 414907 438454 432435 428344 432106 408705 409702 412802 434095	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs polo (Drosophia)-like kinase ESTs ESTs ESTs Homo sapiens cDNA FLJ12425 fis, clone ESTs, Weakly similar to RETROVIRUS-R HSPCO34 protein eukaryotic translation elongation facto aquaporin 1 (channel-forming integral p milk fat globule-EGF factor 8 protein (	AJ36826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420 AJ565004 AA077268 N68454 X90725 AJ377324 BE218886 M AW449466 ELA N58323 AA312135 AI752244 U41518 AA0111117 AA258282	Hs. 8768 Hs. 107924 Hs. 28838 Hs. 131149 Hs. 179565 Hs. 38774 Hs. 5831 Hs. 179501 Hs. 351869 Hs. 374415 Hs. 78665 Hs. 16222 Hs. 77597 Hs. 136888 Hs. 282070 Hs. 9299 Hs. 269098 Hs. 46967 Hs. 351558 Hs. 74602 Hs. 3745 Hs. 3745 Hs. 278436	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 2345 7278 4588 8384 3686 7643 949 5521 1037 5588 886 887 5472 3324 7314 2874 6936 2433 6612 2842 6910 250 4980 380 5075 645 646 5282 3028 7061
70 75 80	416404 435181 442767 427528 456327 437763 458823 458897 444207 415812 416823 414907 438454 432435 428344 432106 408705 409702 412802 434095 420303	ESTs ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs minichromosome maintenance deficient (SESTs ESTs ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs polo (Drosophia)-like kinase ESTs ESTs Homo sapiens cDNA FLJ12425 fis, clone ESTs, Weakly similar to RETROVIRUS-R HSPCO34 protein eukaryotic translation elongation facto aquaporin 1 (channel-forming integral p milk fat globule-EGF factor 8 protein ( KIAA1474 protein	AJ36826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420 AI565004 AA077268 N68454 X90725 AJ377324 BE218886 M AW449466 ELA N58323 AJ3752244 U41518 AA011117 AA258282 Com AB01455	Hs. 8768 Hs. 107924 Hs. 28838 Hs. 131149 Hs. 179565 Hs. 38774 Hs. 5831 Hs. 179501 Hs. 351869 Hs. 374415 Hs. 78665 Hs. 16222 Hs. 77597 Hs. 136888 Hs. 282070 Hs. 9299 Hs. 269098 Hs. 46967 Hs. 351558 Hs. 74602 Hs. 3745 Hs. 3745 Hs. 278436	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278 4581 8378 4588 8384 3686 7643 949 5521 1037 5588 886 887 5472 3324 7314 2874 6936 2433 6612 2842 6910 250 4980 380 5075 645 646 5282 3028 7061 1443 5900
70 75 80	416404 435181 442767 427528 456327 437763 458823 458997 444207 415812 416823 414907 438454 432435 422344 432435 428344 432106 408705 409702 412802 434095 420303 425207 448569	ESTs ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs tissue inhibitor of metalloproteinase 1 ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs polo (Drosophia)-like kinase ESTs ESTs Homo sapiens cDNA FLJ12425 fis, clone ESTs, Weakly similar to RETROVIRUS-R HSPCO34 protein eukaryotic translation elongation facto aquaporin 1 (channel-forming integral p milk fat globule-EGF factor 8 protein ( KIAA1474 protein Homo sapiens, clone MGC:3182, mRNA, signal transducer and activator of tran	AJ36826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420 AJ565004 AA077268 N68454 X90725 AJ377324 BE218886 M AW449466 ELA N58323 AA312135 AA152244 U41518 AA011117 AA258282 com AB01455 BE382657	Hs.8768 Hs.107924 Hs.2838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501 Hs.351869 Hs.374415 Hs.78665 Hs.16222 Hs.77597 Hs.13688 Hs.262070 Hs.9299 Hs.269098 Hs.269098 Hs.46967 Hs.351558 Hs.74602 Hs.3745 Hs.278436 Hs.278436	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278 4581 8378 4588 8384 3686 7643 949 5521 1037 5588 886 887 5472 3324 7314 2874 6936 2433 6612 2842 6910 250 4980 380 5075 645 646 5282 3028 7061 1436 5900 2456 2066 6346 4014 7909
70 75	416404 435181 442767 427528 456327 437763 458823 458997 444207 415812 416823 414907 438454 432435 428344 432106 408705 409702 412802 434095 420303 425207	ESTs ESTs KIAA1571 protein ESTs minichromosome maintenance deficient (SESTs minichromosome maintenance deficient (SESTs ESTs ESTs cathepsin D (lysosomal aspartyl proteas TATA box binding protein (TBP)-associat ESTs polo (Drosophia)-like kinase ESTs ESTs Homo sapiens cDNA FLJ12425 fis, clone ESTs, Weakly similar to RETROVIRUS-R HSPCO34 protein eukaryotic translation elongation facto aquaporin 1 (channel-forming integral p milk fat globule-EGF factor 8 protein ( KIAA1474 protein Homo sapiens, clone MGC:3182, mRNA,	AJ368826 AA180138 AA669339 AI017208 S AU077143 H68741 AA469369 AW207574 AW937420 AJ565004 AA077268 N68454 X90725 AJ377324 BE218886 M AW449466 ELA N58323 AA312135 AJ372244 U41518 AA011117 AA258282 CB BS32657 NM_001426	Hs.8768 Hs.107924 Hs.2838 Hs.131149 Hs.179565 Hs.38774 Hs.5831 Hs.179501 Hs.351869 Hs.374415 Hs.78665 Hs.16222 Hs.77597 Hs.13688 Hs.262070 Hs.9299 Hs.269098 Hs.269098 Hs.46967 Hs.351558 Hs.74602 Hs.3745 Hs.278436 Hs.278436	4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	2441 6619 1000 5563 3112 7130 3584 7552 2341 6537 4518 8322 3285 7278 4581 8378 4588 8384 3686 7643 369 7643 369 7643 369 7643 369 7643 369 7643 369 7643 369 7643 369 7643 369 765 369 765 369 765 369 765 369 765 369 765 369 766 369 766 36

	405203	NM_002086*:Homo sapiens growth facto	11		4.1	4772
	428825	ESTs, Weakly similar to I38022 hypothet		Hs.128783	4.1	2478 6646
	425966	cyclin F	NM_001761		4.1	2158 2159 6409
_	439496	Homo sapiens, Similar to RIKEN cDNA 1			4.1	3402 7385
5	443715	cyclin E1	AI583187	Hs.9700	4.1	3638 7601
	417426	laminin, beta 1	NM_002291	Hs.8 2124	4.1	1119 1120 5654
	416292	nasopharyngeal carcinoma susceptibility	AA179233	Hs.42390	4.1	987 5552
	415107	gb:HUM089A11B Clontech human fetal b			4.1	909 5488
1.0	443950	epithelial membrane protein 3	NM_001425	Hs.9 999	4.1	3660 3661 7621
10	426413	gb:EST90805 Synovial sarcoma Homo sa			4.1	2219 6453
	418514	TOLLIP protein	AW068487	Hs.25413	4.1	1248 5749
	414110	gb:601112444F1 NIH_MGC_16 Homo sa			4.1	776 5385
	444024	ESTs	AW205686	Hs.348603	4.1	3671 7630
15	457396	DKFZP547E1010 protein	Z20964	Hs.323817	4.1	4546 8346
13	408932	TP53TG3 protein	AW594172	Hs.278513	4.1	277 5000
	458806	Homo sapiens PNAS-13 mRNA, complete				4580 8377
	447898 412530	6.2 kd protein hypothetical protein FLJ13346	AW969638 AA766268	Hs.380920 Hs.266273	4.1 4.1	3966 7868
	439452	B-cell CLL/lymphoma 11B (zinc finger pr		Hs.57987	4.1	600 5246 3398 7381
20	442328	ESTs, Weakly similar to ALU4_HUMAN A			4.1	3556 7528
	425133	3-phosphoinositide dependent protein ki			4.1	2052 2053 6337
	432539	karyophenn beta 2b, transportin	AL138169	Hs.278378	4.1	2885 6946
	433446	ESTs	AW469546	Hs.122116	4.1	2979 7020
	449611	ESTs	AI970394	Hs.197075	4.1	4100 7981
25	425354	complement component 3a receptor 1	U62027	Hs.155935	4.1	2093 2094 6365
	439453	thyroid hormone receptor interactor 13	BE264974	Hs.6566	4.1	3399 7382
	422320	ESTs, Weakly similar to AAB47496 NG5	[H AI745249	Hs.23650	4.1	1671 6063
	449475	hypothetical protein PP1057	AI348027	Hs.129826	4.1	4091 7973
•	413950	ESTs NB B	AA249096	Hs.32793	4.1	760 5372
30	430071	transcription factor 8 (represses inter	AA355986	Hs.380991	4.1	2648 6770
	453708	ESTs	AI191811	Hs.54629	4.1	4435 8254
	400263	Eos Control		Hs.75309	4.1	4613
	443402	elastin (supravalvular aortic stenosis,	U77846	Hs.9295	4.1	3619 3620 7585
25	407065	gb:H.sapiens DAT1 gene, partial, VNTR.	Y10141		4.1	103 104 4857
35	404063	Target Exon			4.1	4737,
	433932	neuronal protein	AW954599	Hs.169330	4.1	3017 7051
	419081	ESTs	AI798863	Hs.87191	4.1	1299 5788
	447072	tyrosylprotein sulfotransferase 1	D61594	Hs.17279	4.1	3887 7804
40	445413	CGI-147 protein	AA151342	Hs.12677	4.1	3765 7704
40	439727	Homo sapiens clone 23645 mRNA seque		′Hs.6651	4.1	3424 7407
	432222	gb:an03c03.x1 Stratagene schizo brain S			4.1	4596 6919
	408915	heptacellular carcinoma novel gene-3 pr			4.1	274 275 4998
	417687	ESTs	Al828596	Hs.250691	4.1	1147 5672
45	453271	ESTs	AA903424	Hs.6786	4.1	4409 8232
43	443595	PPAR(gamma) angiopoietin related protei		Hs.9613	4.1	3626 3627 7590
	413658	A kinase (PRKA) anchor protein 10	AA055369	Hs.372446	4.1	734 5351
	401176	Target Exon	A1 027024	11- 40 4005	4.1	4646
	428976	ras homolog gene family, member I	AL037824	Hs.194695	4.1	2495 6658
50	441831 414280	PR domain containing 16	AA992586	Hs.302022	4.1	3538 7510
50	404632	NM 022490: Home serious hypothetical s	BE410769	Hs.75873	4.1 4.1	796 5403 4754
	449263	NM_022490:Homo sapiens hypothetical p NICE-5 protein	BE560779	Hs.337078	4.1	4076 7958
	407688	Human D9 splice variant B mRNA, comple		Hs.37616	4.0	149 4894
	408513	ESTs	AW206468	Hs.103118	4.0	234 4965
55	437980	KIAA1474 protein	R50393	Hs.278436	4.0	3295 7288
00	412326	small inducible cytokine A3 (homologous		Hs.73817	4.0	582 5231
	410577	glioma pathogenesis-related protein	X91911	Hs.64639	4.0	476 477 5145
	428206	KIAA0836 protein	AB020643	Hs.183006	4.0	2405 2406 6590
	448743	KIAA1136 protein	AB032962	Hs.21896	4.0	4032 4033 7924
60	416062	Homo sapiens cDNA FLJ14609 fis, clone			4.0	967 5535
	445252	Homo sapiens clone 23927 mRNA sequei			4.0	3752 7695
	428579	G protein-coupled receptor 64	NM_005756	Hs.1 84942	4.0	2454 2455 6628
	433221	KIAA1484 protein	AB040917	Hs.97860	4.0	2958 2959 7003
65	427584	v-myb avian myeloblastosis viral oncoge	BE410293	Hs.179718	4.0	2348 6542
65	441648	ESTs	H05734	Hs.30559	4.0	3531 7503
	407907	procollagen-lysine, 2-oxoglutarate 5-di	AI752235	Hs.41270	4.0	179 4921
	414175	hypothetical protein DKFZp761D112	AI308876	Hs.103849	4.0	786 5394
	419326	ESTs	W94915	Hs.42419	4.0	1329 5812
70	459247	ESTs, Highly similar to T42626 secreted	N46243	Hs.110373	4.0	4590 8386
70	438685	ESTs	AA814034	Hs.146065	4.0	3347 7332
	440080	ESTs	AW051597	Hs.143707	4.0	3449 7431
	419222	spermine synthase	AD001528	Hs.89718	4.0	1318 1319 5803
	426340	FYN oncogene related to SRC, FGR, YES		Hs.169370	4.0	2208 6444
75	424365	ESTs, Moderately similar to 154374 gene		Hs.128665	4.0	1938 6255
13	428412	ESTs	AA428240	Hs.126083	4.0	2440 6618
	407566	Homo sapiens cDNA FLJ12280 fis, clone			4.0	142 4888
	419574	hypothetical protein	AK001989	Hs.91165	4.0	1353 1354 5830
	445893 423811	ESTs, Weakly similar to TRHY_HUMAN T			4.0	3802 7732
80	447818	homeo box C4 Homo sapiens clone 24670 mRNA sequer	AW299598	Hs.50895	4.0 4.0	1854 6198
50	400231	Eos Control	NOC 11/3340	Hs.355279 Hs.169476	4.0	3965 7867 4603
	451598	ESTs	N29102	Hs.79658	4.0	4241 8093
	408482	adenosine A2b receptor	NM_000676		4.0	226 227 4959
	425741	Homo sapiens clone 24628 mRNA sequer			4.0	2133 6391
85	446254	Homo sapiens cDNA FLJ12832 fis, clone			4.0	3830 7757
-	442410	ESTs	AW996503	Hs.197680	4.0	3559 7531
	•				-	

	408433 445809 409698		3 botulinum toxin substrat yl pyrophosphate synthetas homeobox 2		Hs.45002 Hs.13339 Hs.55967	4.0 4.0 4.0	221 4955 3799 7729 378 379 5074
5	TABLE 9B:						
	Pkey: CAT number	: Gene	e Eos probeset identifier nu cluster number	mber			
10	Accession:		ank accession numbers				
15	Pkey 459702 458956 415179	CAT Number 539529_1 81880_1 1863582_1	BG207209 BE166299 AI20 BE873716 BE907282 AA0 D80630 D80896 D80895	09992 BE220	675 AA345621	1	
13	459674 439579 439195 429163	118159_1 24302_1 21979_1 1238297_1	AW974566 AA649022 BF3 AF086400 W73990 W792 AF086037 H89360 H8954 AW974271 AA592975 AA	32 6 447312 AA884		/ BF930102 A/	A180511
20	411962 413020 415107 426413 414110	2307710_1 1485885_1 1856205_1 372468_1 1634167_1	AA099050 AA099526 T47 BE048113 R98736 Z4290 D61323 D60154 D81503 I AW954494 AA377823 BG BE253764 BE250764 BE2	4 081360 D6093 219617 BG19 55757 BE251	5685 BG61626 752 BE251925	59 AI022688	
25	432222	539529_1	BG207209 BE166299 AI20	04995 BG1993	355 AW969908	3 AA528756 A	W440776 BI044354
	TABLE 9C: Pkey: Ref:					nbank Identifie	r (GI) numbers. "Dunham I. et al." refers to the publication entitled
30	Strand:		"The DNA nce of human chromosome tes DNA strand from which			e (1999) 402:4	189-495.
	Nt_position:	Indicat	tes nucleotide positions of p	redicted exon	s.		
35	Pkey 404977	Ref 3738341	Minus 43	t_position 3081-43229			
	404550 403171 403907	6716010 9838164 7710682	Minus 74	90794-192418 4502-74703 1974-62176,62			
40	404815 402992	5911819 7767907		4494-64691 2137-42515			
. •	401797	6730720	Plus 69	973-7118			
	401131 402855	8699812 9662953		4802-94987,9t 9763-59909	5804-95887,96	323-96487,97	59
45	404245	7406725	Plus 30	5019-36282,37		946-39314,40	35
43	401130 402233	8699792 7690102		21013-121360 0281-91477	,		
	402507	9797889	Plus 1	18979-119086			
	403909 400615	7710682 9908994		4580-64658,67 18036-118166	7678-67795 i,118681-1188(	07	
50	405267	1841544	Plus 7:	2660-72983,78	8939-79262,82	269-82601,84	48
	402812 402794	6010110 6136940		5026-25091,25 31034-131794			
	402888	9930892		4727-54901	•		
55	403857	7708910		524-3408			
33	402408 404913	9796239 7341740		10326-110491 7717-97976			
	403908	7710682	Minus 63	3947-64187			
	406431 401621	9256478		05179-105408 03 609	1		
60	403903	8570184 7710671		93-608 01165-102597			•
	402685	8318556		3962-59294			
	405203 404063	7230116 3540156		25295-125463 5360-57603	'		
65	401176	9438469	Minus 20	0475-20734			
03	404632 TABLE 10A	9796668	Plus 45	5096-45229			
70	Pkey:		robeset identifier number				
	Gene name: Accession:	Unigene gene	e title ession number, Genbank a	ecession num	hor		
	UniGene:	Unigene num		CCESSION NUM	nei		
75	RATIO:	-					ile of normal soft tissue Als, where the 10th percentile of normal
73	SEQ ID #:	nucleic acid a	tissue Als was subtracted t and protein sequences provi				
	Pkey 426752	Gene Name		Accession	UniGene	RATIO	SEQ ID #
80	420752 400440	titin nebulin		X69490 X83957	Hs.172004 Hs.83870	20.8 17.8	2266 2267 6482 24 25 4627
	417070	titin		Z19077	Hs.172004	16.6	1070 5614
	407013 406704		bulin mRNA, partial cds	U35637	Hs.83870	16.2	94 95 4851 55 56 4826
	417866	collagen, type	y polypeptide 7, cardiac mu xXI, alpha 1	M21005 AW067903	Hs.929 Hs.82772	14.6 13.8	55 56 4826 1162 5685
85	417389	midkine (neur	ite growth-promoting facto	BE260964	Hs.82045	13.0	1109 5647
	410621	titin		AA194329	Hs.172004	12.3	481 5149

	444381	hypothetical protein BC014245	BE387335	Hs.283713	12.0	3697 7652
	432874	melanoma inhibitory activity	W94322	Hs.279651	11.3	2913 6968
	418054	lysyl oxidase-like 2	NM_002318	Hs.8 3354	11.3	1184 1185 5702
	405001	interleukin enhancer binding factor 1			11.3	4767
5	428405	cholinergic receptor, nicotinic, alpha	Y00762	Hs.2266	11.1	2436 2437 6615
,						
	414482	endothelin receptor type A	S57498	Hs.76252	11.0	824 825 5426
	410687	lysyl oxidase-like 1	U24389	Hs.65436	10.4	485 486 5153
	413011	biglycan	AW068115	Hs.821	10.3	669 5302
10	422311	cytokine receptor-like factor 1	AF073515	Hs.114948	10.0	1669 1670 6062
10	409633	ESTs	AW449822	Hs.55200	9.9	371 5068
	411296	growth suppressor 1	BE207307	Hs.10114	9.4	524 5183
	438089	nuclear receptor subfamily 1, group I,	W05391	Hs.351546	8.8	3301 7294
	403088	NM_003319*:Homo sapiens titin (TTN), m			8.7	4707
	422069	titin-cap (telethonin)	AJ010063	Hs.343603	8.7	1635 1636 6037
15	443426	chromosome 20 open reading frame 1	AF098158	Hs.9329	8.4	3621 3622 7586
15						
	438091	nuclear receptor subfamily 1, group I,	AW373062	Hs.351546	8.3	3302 7295
	413566	sprouty (Drosophila) homolog 4	AW604451	Hs.381153	8.3	730 5347
	413278	interferon-stimulated protein, 15 kDa	BE563085	Hs.833	8.2	695 5322
20	414821	Fc fragment of IgG, high affinity Ia, r	M63835	Hs.77424	8.2	876 877 5465
20	425397	topoisomerase (DNA) II alpha (170kD)	J04088	Hs.156346	8.2	2099 2100 6369
	423778	flavin containing monooxygenase 2	Y09267	Hs.132821	8.2	1846 1847 6193
	418506	Unknown protein for MGC:29643 (formerly	v AA084248	Hs.372651	8.1	1247 5748
	429259	Plakophilin	AA420450	Hs.380088	8.0	2535 6689
	438746	Human melanoma-associated antigen p97		Hs.184727	7.9	3353 7337
25	435523	membrane-spanning 4-domains, subfamil		Hs.11090	7.8	3131 7147
23	422627	transforming growth factor, beta-induce				1715 6097
			BE336857	Hs.118787	7.7	
	414812	monokine induced by gamma interferon	X72755	Hs.77367	7.6	874 875 5464
	427747	serine/threonine kinase 12	AW411425	Hs.180655	7.6	2365 6557
20	444006	type I transmembrane protein Fn14	BE395085	Hs.334762	7.6	3668 7627
30	432481	intron of collagen, type XI, alpha 1	AW451645	Hs.151504	7.5	2876 6938
	421143	immunoglobulin superfamily containing I	AB024536	Hs.102171	7.5	1510 1511 5949
	452701	glutamine-fructose-6-phosphate transami	NM_005110	Hs.3 0332	7.5	4345 4346 8178
	451099	interleukin 13 receptor, alpha 2	R52795	Hs.25954	7.5	4212 8071
	425308	receptor tyrosine kinase-like orphan re	M97639	Hs.155585	7.5	2087 2088 6362
35	409142	SMC4 (structural maintenance of chromos		Hs.50758	7.4	312 313 5027
55	428981	ESTs, Weakly similar to ALU2_HUMAN A			7.3	
						2497 6660
	415166	carboxypeptidase Z	NM_003652		7.3	913 914 5491
	452683	progesterone membrane binding protein	AI089575	Hs.374574	7.3	4341 8175
40	414443	platelet-derived growth factor receptor	AU077268	Hs.76144	7.3	817 5421
40	423217	collagen, type VII, alpha 1 (epidermoly	NM_000094		7.2	1784 1785 6147
	421508	absent in melanoma 2	NM_004833	Hs.1 05115	7.1	1551 1552 5977
	450447	hypothetical protein P15-2	AF212223	Hs.25010	7.0	4168 4169 8036
	424162	ESTs, Weakly similar to ALU2_HUMAN A	LU AA336229	Hs.93135	7.0	1907 6235
	446051	ephrin-A3	BE048061	Hs.37054	7.0	3816 7744
45	407792	putative secreted ligand homologous to	AI077715	Hs.39384	6.9	162 4906
	400499	C10001858:gi 6679124 ref NP_032759.1		113.03304	6.9	4628
				11- 170004		
	437206	ESTs, Weakly similar to I38344 titin, c	AW975934	Hs.172004	6.8	3245 7242
	451766	ephrin-B3	NM_001406		6.8	4255 4256 8104
50	418478	cyclin-dependent kinase inhibitor 2A (m	U38945	Hs.1174	6.8	1245 1246 5747
50	433577	ESTs	AW007080	LIA 204402	c 0	2989 7028
				Hs.284192	6.8	2303 1020
	418203	CDC28 protein kinase 2	X54942	Hs.83758	6.8	1202 1203 5719
	418203 427337					
		CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb,	X54942	Hs.83758	6.8 6.7	1202 1203 5719 2318 2319 6521
	427337 409012	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein	X54942 Z46223 AL117435	Hs.83758 Hs.176663 Hs.49725	6.8 6.7 6.6	1202 1203 5719 2318 2319 6521 293 294 5013
55	427337 409012 444784	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho	X54942 Z46223 AL117435 d D12485	Hs.83758 Hs.176663 Hs.49725 Hs.11951	6.8 6.7 6.6 6.6	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673
55	427337 409012 444784 431183	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti	X54942 Z46223 AL117435 d D12485 NM_006855	Hs.83758 Hs.176663 Hs.49725 Hs.11951 Hs.250696	6.8 6.7 6.6 6.6 6.5	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845
55	427337 409012 444784 431183 448672	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs	X54942 Z46223 AL117435 d D12485 NM_006855 Al955511	Hs.83758 Hs.176663 Hs.49725 Hs.11951 Hs.250696 Hs.89582	6.8 6.7 6.6 6.6 6.5 6.5	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917
55	427337 409012 444784 431183 448672 433075	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1	X54942 Z46223 AL117435 d D12485 NM_006855 Al955511 NM_002959	Hs.83758 Hs.176663 Hs.49725 Hs.11951 Hs.250696 Hs.89582 Hs.3 51872	6.8 6.7 6.6 6.6 6.5 6.5 6.4	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987
55	427337 409012 444784 431183 448672 433075 448390	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein	X54942 Z46223 AL117435 d D12485 NM_006855 Al955511 NM_002959 AL035414	Hs.83758 Hs.176663 Hs.49725 Hs.11951 Hs.250696 Hs.89582 Hs.3 51872 Hs.21068	6.8 6.7 6.6 6.6 6.5 6.5 6.4 6.4	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897
	427337 409012 444784 431183 448672 433075 448390 413436	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1	X54942 Z46223 AL117435 d D12485 NM_006855 AI955511 NM_002959 AL035414 AF238083	Hs.83758 Hs.176663 Hs.49725 Hs.11951 Hs.250696 Hs.89582 Hs.3 51872 Hs.21068 Hs.68061	6.8 6.7 6.6 6.5 6.5 6.4 6.4 6.4	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339
55 60	427337 409012 444784 431183 448672 433075 448390 413436 434149	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469	X54942 Z46223 AL117435 d D12485 NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829	Hs.83758 Hs.176663 Hs.49725 Hs.11951 Hs.250696 Hs.89582 Hs.3 51872 Hs.21068 Hs.68061 Hs.244624	6.8 6.7 6.6 6.6 6.5 6.5 6.4 6.4 6.4 6.4	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063
	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortifin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con	X54942 Z46223 AL117435 d D12485 NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n Al582743	Hs.83758 Hs.176663 Hs.49725 Hs.11951 Hs.250696 Hs.89582 Hs.3 51872 Hs.21068 Hs.68061 Hs.244624 Hs.94953	6.8 6.7 6.6 6.6 6.5 6.5 6.4 6.4 6.4 6.4	1202 1203 5719 2318 2319 6521 293 294 5013 2724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159
	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs	X54942 Z46223 AL117435 d D12485 INM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n Al582743 T15545	Hs.83758 Hs.176663 Hs.49725 Hs.11951 Hs.250696 Hs.89582 Hs.3 51872 Hs.21068 Hs.68061 Hs.244624 Hs.94953 Hs.244624	6.8 6.7 6.6 6.6 6.5 6.5 6.4 6.4 6.4 6.4 6.3 6.3	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308
	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortifin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con	X54942 Z46223 AL117435 d D12485 NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n 15682743 T15545 AL133916	Hs.83758 Hs.176663 Hs.49725 Hs.11951 Hs.250696 Hs.89582 Hs.351872 Hs.21068 Hs.68061 Hs.244624 Hs.94953 Hs.244624 Hs.47860	6.8 6.7 6.6 6.6 6.5 6.5 6.4 6.4 6.4 6.4	1202 1203 5719 2318 2319 6521 293 294 5013 2724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159
60	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs	X54942 Z46223 AL117435 d D12485 INM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n Al582743 T15545	Hs.83758 Hs.176663 Hs.49725 Hs.11951 Hs.250696 Hs.89582 Hs.3 51872 Hs.21068 Hs.68061 Hs.244624 Hs.94953 Hs.244624	6.8 6.7 6.6 6.6 6.5 6.5 6.4 6.4 6.4 6.4 6.3 6.3	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308
	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093	X54942 Z46223 AL117435 d D12485 NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n 15682743 T15545 AL133916	Hs.83758 Hs.176663 Hs.49725 Hs.11951 Hs.250696 Hs.89582 Hs.351872 Hs.21068 Hs.68061 Hs.244624 Hs.94953 Hs.244624 Hs.47860	6.8 6.7 6.6 6.5 6.5 6.4 6.4 6.4 6.4 6.3 6.3	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308 3389 7372
60	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285 422667	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Giu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093 ESTs doublecortin and CaM kinase-like 1	X54942 Z46223 AL117435 d D12485 NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n AI682743 T15545 AL133916 H25642	Hs. 83758 Hs. 176663 Hs. 49725 Hs. 11951 Hs. 250696 Hs. 89582 Hs. 3 51872 Hs. 21068 Hs. 68061 Hs. 244624 Hs. 94953 Hs. 244624 Hs. 47860 Hs. 132821 Hs. 13355	6.8 6.7 6.6 6.6 6.5 6.4 6.4 6.4 6.3 6.3 6.3 6.3 6.3	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308 3389 7372 1723 6102 4010 4011 7907
60	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285 422667 448520 452291	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093 ESTs doublecortin and CaM kinase-like 1 CDC7 (cell division cycle 7, S. cerevis	X54942 Z46223 AL117435 d D12485 i NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n Al582743 T15545 AL133916 H25642 AB002367 AF015592	Hs. 83758 Hs. 176663 Hs. 49725 Hs. 11951 Hs. 250696 Hs. 89582 Hs. 3 51872 Hs. 21068 Hs. 68061 Hs. 244624 Hs. 47860 Hs. 132821 Hs. 132821 Hs. 132855 Hs. 28853	6.8 6.7 6.6 6.6 6.5 6.5 6.4 6.4 6.4 6.3 6.3 6.3 6.3 6.3 6.3	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308 3389 7372 1723 6102 4010 4011 7907 4310 4311 8150
60	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285 422667 448520 448520 448520 447355	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093 ESTs doublecortin and CaM kinase-like 1 CDC7 (cell division cycle 7, S. cerevis endothelin receptor type B	X54942 Z46223 AL117435 d D12485 NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n15545 AL133916 H25642 AB002367 AF015592 D13168	Hs.83758 Hs.176663 Hs.49725 Hs.11951 Hs.250696 Hs.89582 Hs.351872 Hs.21068 Hs.68061 Hs.244624 Hs.94953 Hs.244624 Hs.47860 Hs.132821 Hs.21355 Hs.28553 Hs.28553 Hs.28553	6.8 6.7 6.6 6.6 6.5 6.5 6.4 6.4 6.4 6.3 6.3 6.3 6.3 6.3 6.3	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308 3389 7372 1723 6102 4010 4011 7907 4310 4311 8150 1100 1101 5640
60	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285 422667 448520 452291 417355 427418	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093 ESTs doublecortin and CaM kinase-like 1 CDC7 (cell division cycle 7, S. cerevis endothelin receptor type B LAT1-3TM protein	X54942 Z46223 AL117435 d D12485 NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n AI582743 T15545 AL133916 H25642 AB002367 AF015592 D13168 AA402587	Hs.83758 Hs.176663 Hs.49725 Hs.11951 Hs.250696 Hs.89582 Hs.351872 Hs.21068 Hs.68061 Hs.244624 Hs.94953 Hs.244624 Hs.47860 Hs.132821 Hs.21355 Hs.2853 Hs.2853 Hs.286667	6.8 6.7 6.6 6.6 6.5 6.5 6.4 6.4 6.4 6.3 6.3 6.3 6.3 6.3 6.3	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308 3389 7372 1723 6102 4010 4011 7907 4310 4311 8150 1100 1101 5640 2327 6527
60	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285 422667 448520 452291 417355 427418 437696	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093 ESTs doublecortin and CaM kinase-like 1 CDC7 (cell division cycle 7, S. cerevis endothelin receptor type B LAT1-3TM protein hypothetical protein dJ37E16.5	X54942 Z46223 AL117435 d D12485 i NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n Al582743 T15545 AL133916 H25642 AB002367 AF015592 D13168 AA402587 Z83844	Hs. 83758 Hs. 176663 Hs. 49725 Hs. 11951 Hs. 250696 Hs. 89582 Hs. 3 51872 Hs. 21068 Hs. 68061 Hs. 244624 Hs. 94953 Hs. 244624 Hs. 47860 Hs. 132821 Hs. 21355 Hs. 28653 Hs. 28653 Hs. 2866667 Hs. 5790	6.8 6.7 6.6 6.6 6.5 6.5 6.4 6.4 6.4 6.3 6.3 6.3 6.3 6.3 6.3 6.3	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308 3389 7372 1723 6102 4010 4011 7907 4310 4311 8150 1100 1101 5640 2327 6527 3281 7274
60	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285 422667 448520 452291 417355 427418 437696 428450	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093 ESTs hypothetical protein FLJ20093 ESTs CODC7 (cell division cycle 7, S. cerevis endothelin receptor type B LAT1-3TM protein hypothetical protein dJ37E16.5 KIAA0175 gene product	X54942 Z46223 AL117435 d D12485 i NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n Al582743 T15545 AL133916 H25642 AB002367 AF015592 D13168 AA402587 Z83844 NM_014791	Hs. 83758 Hs. 176663 Hs. 49725 Hs. 11951 Hs. 250696 Hs. 89582 Hs. 351872 Hs. 21068 Hs. 68061 Hs. 244624 Hs. 47860 Hs. 132821 Hs. 214624 Hs. 47860 Hs. 132821 Hs. 2853 Hs. 2853 Hs. 286667 Hs. 5790 Hs. 184339	6.8 6.7 6.6 6.6 6.5 6.5 6.4 6.4 6.4 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308 3389 7372 1723 6102 4010 4011 7907 4310 4311 8150 1100 1101 5640 2327 6527 3281 7274 2443 2444 6621
60	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285 422667 448520 452291 417355 427418 437696 428450 426457	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093 ESTs doublecortin and CaM kinase-like 1 CDC7 (cell division cycle 7, S. cerevis endothelin receptor type B LAT1-3TM protein hypothetical protein dJ37E16.5 KIAA0175 gene product chimenn (chimaerin) 1	X54942 Z46223 AL117435 d D12485 NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n_Al582743 T15545 AL133916 H25642 AB002367 AF015592 D13168 AA402587 Z83844 NM_014791 AW894667	Hs.83758 Hs.176663 Hs.49725 Hs.11951 Hs.250696 Hs.89582 Hs.351872 Hs.21068 Hs.68061 Hs.244624 Hs.94953 Hs.244624 Hs.47860 Hs.132821 Hs.2821355 Hs.2826667 Hs.5790 Hs.5790 Hs.5790 Hs.580138	6.8 6.7 6.6 6.6 6.5 6.5 6.4 6.4 6.4 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308 3389 7372 1723 6102 4010 4011 7907 4310 4311 8150 1100 1101 5640 2327 6527 2281 7274 2443 2444 6621 2229 6459
60	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285 422667 448520 452291 417355 427418 437696 428450 426457 448595	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Giu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093 ESTs doublecortin and CaM kinase-like 1 CDC7 (cell division cycle 7, S. cerevis endothelin receptor type B LAT1-3TM protein hypothetical protein dJ37E16.5 KIAA0175 gene product chimenin (chimaerin) 1 KIAA0644 gene product	X54942 Z46223 AL117435 d D12485 i MM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n Al582743 T15545 AL133916 H25642 AB002367 AF015592 D13168 AA402587 Z83844 NM_014791 AW894667 AB014544	Hs. 83758 Hs. 176663 Hs. 49725 Hs. 11951 Hs. 250696 Hs. 89582 Hs. 250696 Hs. 244624 Hs. 244624 Hs. 244624 Hs. 244624 Hs. 244624 Hs. 24353 Hs. 244624 Hs. 24355 Hs. 24360 Hs. 132821 Hs. 21355 Hs. 2853 Hs. 256667 Hs. 15790 Hs. 184339 Hs. 380138 Hs. 380138 Hs. 21572	6.8 6.7 6.6 6.6 6.5 6.4 6.4 6.4 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7663 4322 8159 2014 6308 3389 7372 1723 6102 4010 4011 7907 4310 4311 8150 1100 1101 5640 2327 6527 3281 7274 2443 2444 6621 2229 6459 4015 4016 7910
60	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285 422667 448520 452291 417355 427418 437696 428450 426457 448595 418322	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093 ESTs doublecortin and CaM kinase-like 1 CDC7 (cell division cycle 7, S. cerevis endothelin receptor type B LAT1-3TM protein hypothetical protein dJ37E16.5 KIAA0175 gene product chimenin (chimaenin) 1 KIAA0644 gene product cyclin-dependent kinase inhibitor 3 (CD	X54942 Z46223 AL117435 d D12485 i NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n Al582743 T15545 AL133916 H25642 AB002367 AF015592 D13168 AA402587 Z83844 NM_014791 AW894667 AB014544 AA284166	Hs. 83758 Hs. 176663 Hs. 176663 Hs. 49725 Hs. 11951 Hs. 250696 Hs. 89582 Hs. 21068 Hs. 68061 Hs. 244624 Hs. 47860 Hs. 132821 Hs. 21355 Hs. 2853 Hs. 255667 Hs. 27590 Hs. 184339 Hs. 21572 Hs. 21572	6.8 6.7 6.6 6.6 6.5 6.5 6.4 6.4 6.4 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.6 6.5	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2755 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308 3389 7372 1723 6102 4010 4011 7907 4310 4311 8150 1100 1101 5640 2327 6527 2281 7274 2443 2444 6621 2229 6459 4015 4016 7910 1214 5727
60 65 70	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285 422667 448520 452291 417355 427418 437696 428450 426457 448595 418322 429903	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093 ESTs hypothetical protein FLJ20093 ESTs CDC7 (cell division cycle 7, S. cerevis endothelin receptor type B LAT1-3TM protein hypothetical protein dJ37E16.5 KIAA0175 gene product chimerin (chimaerin) 1 KIAA0644 gene product cyclin-dependent kinase inhibitor 3 (CD cyclin-dependent kinase 5, regulatory s	X54942 Z46223 AL117435 d D12485 i NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n AI582743 T15545 AL133916 H25642 AB002367 AF015592 D13168 AA402587 Z83844 NM_014791 AW894667 AB014544 AA284166 AL134197	Hs. 83758 Hs. 176663 Hs. 176663 Hs. 49725 Hs. 11951 Hs. 250696 Hs. 89582 Hs. 351872 Hs. 21068 Hs. 68061 Hs. 244624 Hs. 47860 Hs. 132821 Hs. 244624 Hs. 47860 Hs. 132821 Hs. 28853 Hs. 28853 Hs. 28853 Hs. 28853 Hs. 28002 Hs. 356667 Hs. 5790 Hs. 1 84339 Hs. 380138 Hs. 380138 Hs. 84113 Hs. 84113 Hs. 93597	6.8 6.7 6.6 6.6 6.5 6.5 6.4 6.4 6.4 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308 3389 7372 1723 6102 4010 4011 7907 4310 4311 8150 1100 1101 5640 2327 6527 3281 7274 2443 2444 6621 2229 6459 4015 4016 7910 1214 5727 2616 6746
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<ul><li>60</li><li>65</li><li>70</li><li>75</li></ul>	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285 422667 448520 452291 417355 427418 437696 428450 426457 448595 418322 429903 408938 417079 413795 443907 456534 420162 447217	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093 ESTs doublecortin and CaM kinase-like 1 CDC7 (cell division cycle 7, S. cerevis endothelin receptor type B LAT1-3TM protein hypothetical protein dJ37E16.5 KIAA0175 gene product chimerin (chimaerin) 1 KIAA0644 gene product chimerin (chimaerin) 1 KIAA0644 gene product cyclin-dependent kinase 5, regulatory s ESTs interleukin 1 receptor antagonist ESTs TYRO protein tyrosine kinase binding pr phospholipase C, beta 3, neighbor pseud cyclin-dependent kinase 4 neuropilin 2	X54942 Z46223 AL117435 d D12485 i NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n Al582743 T15545 AL133916 H25642 AB002367 AF015592 D13168 AA402587 Z83844 NM_014791 AW894667 AB014544 AA284166 AL134197 AA059013 U65590 AL040178 AU076484 X91195 BE378432 BE465754	Hs.83758 Hs.176663 Hs.176663 Hs.49725 Hs.11951 Hs.250696 Hs.89582 Hs.351872 Hs.21068 Hs.68061 Hs.244624 Hs.94953 Hs.244624 Hs.47860 Hs.132821 Hs.132821 Hs.21355 Hs.28853 Hs.82002 Hs.356667 Hs.5790 Hs.184339 Hs.356667 Hs.5790 Hs.184313 Hs.21572 Hs.84113 Hs.21572 Hs.84113 Hs.21572 Hs.84113 Hs.21572 Hs.84113 Hs.21572 Hs.84113 Hs.93597 Hs.1134 Hs.142003 Hs.100623 Hs.100623 Hs.100623 Hs.95577 Hs.17778	6.8 6.7 6.6 6.6 6.6 6.5 6.4 6.4 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308 3389 7372 1723 6102 4010 4011 7907 4310 4311 8150 1100 1101 5640 2327 6527 3281 7274 2443 2444 6621 2229 6459 4015 4016 7910 1214 5727 2616 6746 279 5002 1073 1074 5616 743 5358 3656 7617 4522 8326 422 5883 3904 7819
<ul><li>60</li><li>65</li><li>70</li><li>75</li></ul>	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285 422667 448520 452291 417355 427418 437696 428450 426457 448595 418322 429903 408938 417079 413795 443907 456534 420162 447217 419138	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093 ESTs hypothetical protein FLJ20093 ESTs hypothetical protein FLJ20093 ESTs CODC7 (cell division cycle 7, S. cerevis endothelin receptor type B LAT1-3TM protein hypothetical protein dJ37E16.5 KIAA0175 gene product chimerin (chimaerin) 1 KIAA0644 gene product cyclin-dependent kinase inhibitor 3 (CD cyclin-dependent kinase 5, regulatory s ESTs interleukin 1 receptor antagonist ESTs TYRO protein tyrosine kinase binding pr phospholipase C, beta 3, neighbor pseud cyclin-dependent kinase 4 neuropilin 2 ryanodine receptor 1 (skeletal)	X54942 Z46223 AL117435 d D12485 i NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n Al582743 T15545 AL133916 H25642 AB002367 AF015592 D13168 AA402587 Z83844 NM_014791 AW894667 AB014544 AA284166 AL134197 AA059013 U65590 AL040178 AU076484 X91195 BE378432 BE457754 U48508	Hs. 83758 Hs. 176663 Hs. 176663 Hs. 49725 Hs. 11951 Hs. 250696 Hs. 89582 Hs. 68061 Hs. 244624 Hs. 94953 Hs. 244624 Hs. 47860 Hs. 132821 Hs. 21355 Hs. 28853 Hs. 82002 Hs. 356667 Hs. 184339 Hs. 380138 Hs. 21572 Hs. 84113 Hs. 93597 Hs. 1842003 Hs. 184339 Hs. 184339 H	6.8 6.7 6.6 6.6 6.5 6.5 6.4 6.4 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308 3389 7372 1723 6102 4010 4011 7907 4310 4311 8150 1100 1101 5640 2327 6527 3281 7274 2443 2444 6621 2229 6459 4015 4016 7910 1214 5727 2616 6746 279 5002 1073 1074 5616 743 5358 3656 7617 4522 8326 1422 5883 3904 7819 1309 1310 5796
<ul><li>60</li><li>65</li><li>70</li><li>75</li></ul>	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285 422667 448520 452291 417355 427418 437696 428450 426457 448595 418322 429903 408938 417079 413795 443907 456534 420162 447217 419138 427378	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093 ESTs doublecortin and CaM kinase-like 1 CDC7 (cell division cycle 7, S. cerevis endothelin receptor type B LAT1-3TM protein hypothetical protein dJ37E16.5 KIAA0175 gene product chimenin (chimaerin) 1 KIAA0644 gene product cyclin-dependent kinase inhibitor 3 (CD cyclin-dependent kinase 5, regulatory s ESTs interleukin 1 receptor antagonist ESTs TYRO protein tyrosine kinase binding pr phospholipase C, beta 3, neighbor pseud cyclin-dependent kinase 4 neuropilin 2 ryanodine receptor 1 (skeletal) melanoma antigen, family D, 1	X54942 Z46223 AL117435 d D12485 i MM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n Al582743 T15545 AL133916 H25642 AB002367 AF015592 D13168 AA402587 Z83844 NM_014791 AA402587 Z83844 NM_014791 AU36466 AL134197 AA059013 U65590 AL040178 AU076484 X91195 BE378432 BE465754 U48508 BE515037	Hs. 83758 Hs. 176663 Hs. 49725 Hs. 11951 Hs. 250696 Hs. 89582 Hs. 3 51872 Hs. 21068 Hs. 68061 Hs. 244624 Hs. 94953 Hs. 244624 Hs. 94953 Hs. 224624 Hs. 47860 Hs. 132821 Hs. 21355 Hs. 28853 Hs. 244624 Hs. 94953 Hs. 12572 Hs. 84113 Hs. 380138 Hs. 21572 Hs. 84113 Hs. 142003 Hs. 18603 Hs. 195577 Hs. 17778 Hs. 17778 Hs. 89631 Hs. 195651 Hs. 889631 Hs. 177556	6.8 6.6 6.6 6.6 6.6 6.6 6.4 6.4 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.5 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308 3389 7372 1723 6102 4010 4011 7907 4310 4311 8150 1100 1101 5640 2327 6527 3281 7274 2443 2444 6621 2229 6459 4015 4016 7910 1214 5727 2616 6746 279 5002 1073 1074 5616 743 5358 3656 7617 4522 883 3904 7819 1309 1310 5796 2322 6523
60 65 70 75	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285 422667 448520 452291 417355 427418 437696 428450 426457 448595 418322 429903 408938 417079 413795 443907 456534 420162 447217 419138 427378 42263	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093 ESTs doublecortin and CaM kinase-like 1 CDC7 (cell division cycle 7, S. cerevis endothelin receptor type B LAT1-3TM protein hypothetical protein dJ37E16.5 KIAA0175 gene product chimenin (chimaerin) 1 KIAA0644 gene product cyclin-dependent kinase inhibitor 3 (CD cyclin-dependent kinase 5, regulatory s ESTs interfeukin 1 receptor antagonist ESTs TYRO protein tyrosine kinase binding pr phospholipase C, beta 3, neighbor pseud cyclin-dependent kinase 4 neuropilin 2 ryanodine receptor 1 (skeletal) melanoma antigen, family D, 1 L1 cell adhesion molecule (hydrocephalu	X54942 Z46223 AL117435 d D12485 i NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n Al582743 T15545 AL133916 H25642 AB002367 AF015592 D13168 AA402587 Z83844 NM_014791 AW894667 AB014544 AA284166 AL134197 AA059013 U65590 AL040178 AU076484 X91195 BE378432 BE465754 U48508 BE515037 M77640	Hs.83758 Hs.176663 Hs.176663 Hs.176663 Hs.1951 Hs.250696 Hs.89582 Hs.351872 Hs.21068 Hs.68061 Hs.244624 Hs.94953 Hs.244624 Hs.94953 Hs.244624 Hs.132821 Hs.132821 Hs.132821 Hs.13281 Hs.21355 Hs.28653 Hs.860667 Hs.5790 Hs.1 84339 Hs.380138 Hs.21572 Hs.84113 Hs.93597 Hs.181134 Hs.142003 Hs.195577 Hs.17778 Hs.106623 Hs.95577 Hs.17778 Hs.89631 Hs.177556 Hs.1757	6.8 6.6 6.6 6.6 6.6 6.6 6.4 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.6 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2755 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308 3389 7372 1723 6102 4010 4011 7907 4310 4311 8150 1100 1101 5640 2327 6527 2321 7527 2443 2444 6621 2229 6459 4015 4016 7910 1214 5727 2616 6746 279 5002 1073 1074 5616 743 5358 3656 7617 4522 8326 1422 5883 3904 7819 1309 1310 5796 2322 6523 1925 6926
<ul><li>60</li><li>65</li><li>70</li><li>75</li></ul>	427337 409012 444784 431183 448672 433075 448390 413436 434149 452363 424870 439285 422667 448520 452291 417355 427418 437696 428450 426457 448595 418322 429903 408938 417079 413795 443907 456534 420162 447217 419138 427378	CDC28 protein kinase 2 Fc fragment of IgG, low affinity IIIb, DKFZP434I216 protein ectonucleotide pyrophosphatase/phospho KDEL (Lys-Asp-Glu-Leu) endoplasmic reti ESTs sortilin 1 hypothetical protein sphingosine kinase 1 hypothetical protein MGC5469 Homo sapiens, Similar to complement con ESTs hypothetical protein FLJ20093 ESTs doublecortin and CaM kinase-like 1 CDC7 (cell division cycle 7, S. cerevis endothelin receptor type B LAT1-3TM protein hypothetical protein dJ37E16.5 KIAA0175 gene product chimerin (chimaerin) 1 KIAA0644 gene product chimerin (chimaerin) 1 KIAA0644 gene product cyclin-dependent kinase 5, regulatory s ESTs interleukin 1 receptor antagonist ESTs TYRO protein tyrosine kinase binding pr phospholipase C, beta 3, neighbor pseud cyclin-dependent kinase 4 neuropilin 2 ryanodine receptor 1 (skeletal) melanoma antigen, family D, 1 L1 cell adhesion molecule (hydrocephalu frizzled (Drosophila) homolog 8	X54942 Z46223 AL117435 d D12485 d D12485 d NM_006855 Al955511 NM_002959 AL035414 AF238083 Z43829 n Al582743 T15545 AL133916 H25642 AB002367 AF015592 D13168 AA402587 Z83844 NM_014791 AW894667 AB014544 AA284166 AL134197 AA059013 U65590 AL040178 AU076484 X91195 BE378432 BE465754 U48508 BE515037 M77640 AI091277	Hs.83758 Hs.176663 Hs.176663 Hs.176663 Hs.1951 Hs.250696 Hs.89582 Hs.351872 Hs.21068 Hs.68061 Hs.244624 Hs.94953 Hs.244624 Hs.94953 Hs.244624 Hs.132821 Hs.132821 Hs.132821 Hs.13281 Hs.21355 Hs.28653 Hs.860667 Hs.5790 Hs.1 84339 Hs.380138 Hs.21572 Hs.84113 Hs.93597 Hs.181134 Hs.142003 Hs.195577 Hs.17778 Hs.106623 Hs.95577 Hs.17778 Hs.89631 Hs.177556 Hs.1757	6.8 6.7 6.6 6.6 6.6 6.6 6.6 6.3 6.3 6.3 6.3 6.3	1202 1203 5719 2318 2319 6521 293 294 5013 3724 3725 7673 2756 2757 6845 4025 7917 2936 2937 6987 3999 7897 721 722 5339 3030 7063 4322 8159 2014 6308 3389 7372 1723 6102 4010 4011 7907 4310 4311 8150 1100 1101 5640 2327 6527 3281 7274 2443 2444 6621 2229 6459 4015 4016 7910 1214 5727 2616 6746 279 5002 1073 1074 5616 743 5358 3656 7617 4522 883 3904 7819 1309 1310 5796 2322 6523

	429921	collagen, type XI, alpha 1	AA526911	Hs.82772	5.7	2620 6749
	414555	phospholipase A2, group IIA (platelets,	N98569	Hs.76422	5.7	830 5431
	426968	amphiphysin (Stiff-Mann syndrome with b		Hs.173034	5.7	2290 2291 6499
	411021	titin	F00055	Hs.172004	5.7	508 5169
5	424829	nerve growth factor receptor (TNFR supe			5.7	2007 2008 6303
_	411089	cell division cycle 2-like 1 (PITSLRE p	AA456454	Hs.214291	5.6	513 5173
	435905	KIAA0456 protein	AW997484	Hs.5003	5.6	3160 7168
	447343	ESTs, Highly similar to S02392 alpha-2-	AA256641	Hs.236894	5.6	3916 7828
	400263	Eos Control		Hs.75309	5.6	4613
10	418299	integrin, beta 2 (antigen CD18 (p95), I	AA279530	Hs.83968	5.5	1212 5725
	448961	ESTs	AI610643	Hs.187285	5.5	4052 7937
	429170	dual specificity phosphatase 4	NM_001394		5.5	2524 2525 6680
	404815	ENSP00000251989*:DJ100N22.1 (NOVE		113.2 003	5.5	4761
	425262	GS3955 protein	D87119	Hs.155418	5.5	2076 2077 6354
15	421506	thymidine kinase 1, soluble	BE302796	Hs.105097	5.5	1550 5976
10	439039	ESTs	AI656707	Hs.48713	5.5	3373 7356
	432994	ESTs	AA573452	Hs.150941	5.5	2922 6976
	418004	aldehyde dehydrogenase 3 family, membe		Hs.87539	5.5	1174 1175 5695
	410223	calsequestrin 1 (fast-twitch, skeletal	S73775	Hs.60708	5.5	433 434 5115
20	422765	baculoviral IAP repeat-containing 5 (su	AW409701	Hs.1578	5.5	1734 6110
	451598	ESTs	N29102	Hs.79658	5.5	4241 8093
	424078	paternally expressed 3	AB006625	Hs.139033	5.5	1893 1894 6225
	400288	integrin, alpha 5 (fibronectin receptor	X06256	Hs.149609	5.4	1 2 4614
	416491	parathyroid hormone receptor 1	U17418	Hs.1019	5.4	1005 1006 5567
25	452698	chemokine (C-C motif) receptor 1	NM_001295		5.4	4343 4344 8177
	451292	KIAA1295 protein	AB037716	Hs.26204	5.4	4221 4222 8079
	454071					4487 8295
	410011	ESTS	AI041793	Hs.42502	5.4	406 407 5096
		PFTAIRE protein kinase 1	AB020641	Hs.57856	5.4	
30	412939 432691	eukaryotic translation elongation facto mitogen-activated protein kinase 7	AW411491 U29725	Hs.75069 Hs.3080	5.3 5.3	657 5292 2897 2898 6956
50						
	448569	signal transducer and activator of tran	BE382657	Hs.21486	5.3	4014 7909
	414477	amplified in osteosarcoma	U41635	Hs.76228	5.3	822 823 5425
	416140	roundabout (axon guidance receptor, Dro		Hs.301198	5.3	978 5545
35	441389	endocytic receptor (macrophage mannose		Hs.7835	5.3	3514 3515 7488
33	447232	interleukin 10 receptor, alpha	AW499834	Hs.327	5.3	3905 7820
	456181	ras inhibitor	L36463	Hs.1030	5.3	4516 4517 8321
	408482	adenosine A2b receptor	NM_000676		5.3	226 227 4959
	425964	progesterone membrane binding protein	AW889928	Hs.9071	5.2	2157 6408
40	421920	gamma-aminobutyric acid (GABA) receptor		Hs.1438	5.2	1614 6022
40	427700	dual specificity phosphatase 6	AA262294	Hs.180383	5.2	2361 6554
	414024	gb:zm79g08.r1 Stratagene neuroepitheliu		Hs.22410	5.2	769 5379
	443960	hypothetical protein FLJ21986	AI093577	Hs.255416	5.2	3663 7623
	421251	enigma (LIM domain protein)	Z28913	Hs.102948	5.2	1521 5957
15	419762	ESTs	AI608647	Hs.32374	5.2	1387 5855
45	422175	ESTs, Highly similar to T00391 hypothet	N79885	Hs.6382	5.2	1657 6053
	426485	platelet-derived growth factor receptor	NM_006207		5.1	2238 2239 6465
	429150	smoothened (Drosophila) homolog	AF120103	Hs.197366	5.1	2519 2520 6677
	409430	splicing factor, arginine/serine-rich 5	R21945	Hs.346735	5.1	348 5052
50	418059	gb:zn56d05.s1 Stratagene muscle 937209			5.1	1186 5703
50	427647	Homo sapiens cDNA FLJ20653 fis, clone		Hs.180059	5.1	2354 6548
	438937	ESTs	AW952654	Hs.73964	5.1	3367 7350
	449353	ESTs	AA001220	Hs.242947	5.1	4084 7966
	432101	EphA3	AI918950	Hs.123642	5.1	2841 6909
55	418883	acid phosphatase 5, tartrate resistant	BE387036	Hs.1211	5.1	1281 5774
55	417115	small nuclear ribonucleoprotein polypep	AW952792	Hs.334612	5.0	1081 5622
	424291	ephrin-B1	AL120051	Hs.144700	5.0	1931 6249
	435652	uncharacterized hypothalamus protein HB		Hs.334370	5.0	3142 7154
	410342	Fc fragment of IgE, high affinity I, re	R31350	Hs.743	5.0	453 5129
60	453880	ESTs, Weakly similar to I38022 hypothet	Al803166	Hs.135121	5.0	4458 8272
60	419452	PTK7 protein tyrosine kinase 7	U33635	Hs.90572	5.0	1340 1341 5821
	434431	ESTs	AW131454	Hs.168571	5.0	3056 7082
	406621	immunoglobulin lambda locus	X57809	Hs.181125	5.0	26 27 4810
	419250	U5 snRNP-specific protein, 116 kD	AW770185	Hs.356066	5.0	1322 5806
65	419073	Homo sapiens cDNA FLJ12797 fis, clone			5.0	1296 5786
05	440700	guanine nucleotide binding protein (G p	AW952281	Hs.296184	5.0	3481 7458
	417089	Homo sapiens cDNA: FLJ21909 fis, clone		Hs.18612	5.0	1077 5619
	432211	hypothetical protein FLJ10986	BE274530	Hs.273333	5.0	2852 6917
	412972	ESTs	AA771898	Hs.33412	4.9	663 5296
70	414883	CDC28 protein kinase 1	AA926960	Hs.348669	4.9 \	885 5471
70	427557	plasminogen activator, urokinase recept	NM_002659		4.9	2343 2344 6539
	439706	ESTs, Weakly similar to DAP1_HUMAN D			4.9	3421 7404
	452682	progesterone membrane binding protein	AA456193	Hs.374574	4.9	4340 8174
	446291	interferon, gamma-inducible protein 30	BE397753	Hs.14623	4.9	3833 7760
75 .	418741	ESTs, Weakly similar to S41044 chromose		Hs.8881	4.9	1272 5767
75	448379	KIAA1130 protein	AI097463	Hs.21035	4.9	3995 7894
	447198	ESTs	D61523	Hs.283435	4.9	3898 7814
	412926	macrophage myristoylated alanine-rich C		Hs.75061	4.9	655 5290
	411263	kinesin-like 6 (mitotic centromere-asso	BE297802	Hs.69360	4.9	523 5182
90	407239	leukocyte immunoglobulin-like receptor,	AA076350	Hs.67846	4.9	129 4879
80	439453	thyroid hormone receptor interactor 13	BE264974	Hs.6566	4.9	3399 7382
	413031	phosphofructokinase, muscle	BE515051	Hs.75160	4.8	671 5304
	418526	solute carrier family 16 (monocarboxyli	BE019020	Hs.85838	4.8	1251 5752
	410422	Homo sapiens, clone MGC:15203, mRNA			4.8	462 5136
0.5			AI878901	Hs.203862	4.8	2564 6711
~ ~	429470	guanine nucleotide binding protein (G p				
85	445930 425525	Homo sapiens clone 24747 mRNA sequer ESTs			4.8 4.8	3804 7734 2111 6377

	440000		-4 44245540	11- 0044	4.0	2024 7504
	443623	complement component 1, q subcompone			4.8	3631 7594
	417421	nuclear receptor subfamily 4, group A,	AL138201	Hs.82120	4.8	1118 5653
	449579	ESTs, Weakly similar to T46425 hypothet	AW207260	Hs.134014	4.8	4097 7978
_	450296	hepatocyte growth factor-regulated tyro	AL041949	Hs.24756	4.8	4153 8023
5	453905	LIM domain kinase 1	NM_002314	Hs.3 6566	4.8	4462 4463 8276
	418532	neurotrophic tyrosine kinase, receptor,	F00797	Hs.374321	4.8	1252 5753
	443402	elastin (supravalvular aortic stenosis,	U77846	Hs.9295	4.8	3619 3620 7585
	431385	membrane-spanning 4-domains, subfamil	y BE178536	Hs.11090	4.8	2779 6863
	425003	apurinic/apyrimidinic endonuclease(APEX		Hs.154149	4.8	2038 2039 6326
10	410781	ESTs	Al375672	Hs.165028	4.8	495 5159
	420261	fibroblast growth factor receptor 1 (fm	AW206093	Hs.748	4.8	1440 5897
	452110	Homo sapiens cDNA FLJ11309 fis, clone		Hs.28005	4.7	4290 8132
	419066	PRO1073 protein	Z98492	Hs.203862	4.7	1295 5785
15	448386	KIAA1329 protein	AB037750	Hs.21061	4.7	3997 3998 7896
13	449029	solute carrier family 7 (cationic amino	N28989	Hs.22891	4.7	4058 7942
	451752	KIAA1171 protein	AB032997	Hs.353087	4.7	4252 4253 8102
	416737	LIM domain protein	AF154335	Hs.79691	4.7	1028 1029 5582
	430280	interleukin 7 receptor	AA361258	Hs.237868	4.7	2673 6787
20	429345	hypothetical protein	R11141	Hs.199695	4.7	2548 6700
20	425514	integrin, alpha 10	AF112345	Hs.158237	4.7	2108 2109 6375
	449523	chemokine (C-C motif) receptor 5	NM_000579	Hs.5 4443	4.7	4094 4095 7976
	422599	non-metastatic cells 1, protein (NM23A)	BE387202	Hs.118638	4.7	1710 6092
	409098	pleckstrin homology, Sec7 and coiled/co	AA132672	Hs.7984	4.7	303 5020
	412641	heat shock 90kD protein 1, beta	M16660	Hs.74335	4.7	620 621 5260
25	424982	phosphorylase, glycogen	U94777	Hs.351580	0.0	2036 2037 6325
	400991	Target Exon	054777	113.331300	4.7	4641
	413441	Src-like-adapter	Al929374	Un 75257	4.7	
		•		Hs.75367		723 5340
	422609	sialidase 1 (lysosomal sialidase)	Z46023	Hs.118721	4.6	1711 6093
20	424442	ESTs, Weakly similar to ZN91_HUMAN Z			4.6	1954 6268
30	433895	mitogen-activated protein kinase kinase	Al287912	Hs.3628	4.6	3014 7048
	410711	KIAA0318 protein	AB002316	Hs.65746	4.6	489 490 5155
	435232	cyclin-dependent kinase inhibitor 2C (p	NM_001262		4.6	3114 3115 7132
	424512	integrin, beta 5	X53002	Hs.149846	4.6	1968 1969 6277
0.5	421707	lectomedin-2	NM_014921	Hs.1 07054	4.6	1581 1582 5995
35	451050	ESTs	AW937420	Hs.351869	4.6	4588 8067
	447200	Homo sapiens cDNA FLJ14028 fis, clone	H BE543146	Hs.281434	4.6	3899 7815
	424503	integrin, alpha 5 (fibronectin receptor	NM_002205	Hs.1 49609	4.6	1965 1966 6275
	447359	adenylate kinase 5	NM_012093		4.6	3918 3919 7830
	437763	tissue inhibitor of metalloproteinase 1	AA469369	Hs.5831	4.6	3285 7278
40	448775	nudix (nucleoside diphosphate linked mo		Hs.388	4.6	4036 4037 7927
	419088	integrin, beta 8	AI538323	Hs.380684	4.6	1303 5791
	414809	transferrin receptor (p90, CD71)	AI434699	Hs.77356	4.6	873 5463
					4.6	
	448030	membrane-spanning 4-domains, subfamil		Hs.325960		3971 7873
45	419693	FXYD domain-containing ion transport re		Hs.301350	4.6	1371 5844
43	417098	frizzled (Drosophila) homolog 7	AB017365	Hs.173859	4.6	1078 1079 5620
	414907	polo (Drosophia)-like kinase	X90725	Hs.77597	4.6	886 887 5472
	414561	Homo sapiens amino acid transport syste	A1064813	Hs.195155	4.6	831 5432
	400262	Eos Control		Hs.75309	4.6	4612
	428484	solute carrier family 7 (cationic amino	AF104032	Hs.184601	4.6	2449 2450 6624
50	447674	cyclin-dependent kinase 2	BE270640	Hs.19192	4.6	3947 7854
	411027	leukocyte immunoglobulin-like receptor,	AF072099	Hs.67846	4.5	509 510 5170
	422034	Ets2 repressor factor	AC006486	Hs.333069	4.5	1627 1628 6032
	447321	Homo sapiens cDNA FLJ14028 fis, clone			4.5	3915 7827
	425741	Homo sapiens clone 24628 mRNA sequer			4.5	2133 6391
55	451811	hypothetical protein MGC1136	AA663485	Hs.8719	4.5	4259 8106
-	435575	triggering receptor expressed on myeloi	AF213457	Hs.44234	4.5	3139 3140 7152
	412773	similar to vaccinia virus HindIII K4L O	H15785	Hs.74573	4.5	639 5276
	412773	6.2 kd protein	AW969638	Hs.380920	4.5	3966 7868
60	409799	phosphoserine phosphatase-like	D11928	Hs.76845	4.5	387 5081
50	417640	protein C receptor, endothelial (EPCR)	D30857	Hs.82353	4.5	1143 5669
	416982	creatine kinase, mitochondrial 2 (sarco	J05401	Hs.80691	4.5	1055 1056 5602
	427274	colony stimulating factor 1 receptor, f		Hs.1 74142	4.5	2313 2314 6517
	410290	hypothetical protein DKFZp564A176	AA402307	Hs.322844	4.5	449 5126
65	413048	mannose receptor, C type 1	M93221	Hs.75182	4.4	672 673 5305
65	444143	ESTs, Moderately similar to A56194 thro	AW747996	Hs.160999	4.4	3679 7637
	425082	inositol 1,4,5-triphosphate receptor, t	N44238	Hs.102991	4.4	2048 6333
	429455	CD209 antigen	Al472111	Hs.278694	4.4	2563 6710
	421917	KIAA1020 protein	AB028943	Hs.109445	4.4	1612 1613 6021
	445033	cyclin-dependent kinase inhibitor 2B (p	AV652402	Hs.72901	4.4	3740 7685
70	452203	transporter 1, ATP-binding cassette, su	X57522	Hs.352018	4.4	4298 4299 8140
	446566	membrane-spanning 4-domains, subfamily		Hs.17914	4.4	3857 7778
	409512	melanoma differentiation associated pro	AW979187	Hs.293591	4.4	354 5057
	456629	histone deacetylase 3	AW891965	Hs.367942	4.4	4526 8329
	425776	parathyroid hormone receptor 2	U25128	Hs.159499	4.4	2138 2139 6394
75	439963	platelet-activating factor acetylhydrol	AW247529		4.4	
, ,				Hs.6793		3441 7423
	414280	zyxin	BE410769	Hs.75873	4.4	796 5403
	451820	ESTs	AW058357	Hs.199248	4.4	4260 8107
	416084	deoxythymidylate kinase (thymidylate ki	L16991	Hs.79006	4.3	972 973 5540
90	424905	NIMA (never in mitosis gene a)-related	NM_002497		4.3	2022 2023 6315
80	425770	spastic ataxia of Charlevoix-Saguenay (	NM_014363		4.3	2136 2137 6393
	434826	pyruvate dehydrogenase phosphatase	AF155661	Hs.22265	4.3	3078 3079 7101
	426265	ESTs	AA421069	Hs.97896	4.3	2189 6432
	410240	synaptojanin 2	AL157424	Hs.61289	4.3	437 5117
	433028	AD-017 protein	AI199144	Hs.283737	4.3	2928 6980
85	436856	ESTs	AI469355	Hs.127310	4.3	3220 7221
	407603	Homo sapiens, clone IMAGE:4299322, ml				144 4890

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	439223	UL16 binding protein 2	AW238299	Hs.250618	4.3	3383 7366
	425289	interferon, gamma-inducible protein 16	AW139342	Hs.155530	4.3	2082 6358
	431429	reticulon 3	AF072813	Hs.252831	4.3	2783 6867
_	438209	aryl-hydrocarbon receptor nuclear trans	AL120659	Hs.6111	4.3	3309 7301
5	410055	gene for serine/threonine protein kinas	AJ250839	Hs.58241	4.3	414 415 5102
	416860	actin filament associated protein	D25248	Hs.80306	4.3	1043 5593
	448988	gamma-aminobutyric acid (GABA) A rece	pt Y09763	Hs.22785	4.3	4055 4056 7940
	420173	ESTs	AA256151	Hs.22999	4.3	1426 5886
	408331	dual specificity phosphatase 12	NM_007240		4.3	211 212 4948
10	417920	adenosine monophosphate deaminase 2		Hs.82927	4.3	1167 1168 5690
. 0	402233	NM_030760*:Homo sapiens endothelial d		110.02021	4.3	4674
	447357	ESTs	Al375922	Hs.132821	4.3	3917 7829
	408056			Hs.42331	4.3	188 4930
		ephrin-A4	AA312329			
15	425322	protein kinase, DNA-activated, catalyti	U63630	Hs.155637	4.3	2089 2090 6363
13	427509	complement component 5 receptor 1 (C5:		Hs.2161	4.3	2338 2339 6535
	451154	ESTs	AA015879	Hs.33536	4.3	4215 8074
	414368	uridine monophosphate kinase	W70171	Hs.75939	4.2	809 5414
	417426	laminin, beta 1	NM_002291	Hs.8 2124	4.2	1119 1120 5654
20	431674	G-protein coupled receptor	AA098901	Hs.301642	4.2	2809 6885
20	453922	budding uninhibited by benzimidazoles 1	AF053306	Hs.36708	4.2	4467 4468 8279
	410552	fibroblast growth factor receptor 1 (fm	X66945	Hs.748	4.2	474 475 5144
	411213	neuropilin 1	AA676939	Hs.69285	4.2	519 5179
	414178	ESTs, Weakly similar to I38022 hypothet	AW957372	Hs.46791	4.2	788 5396
	452873	hypothetical protein FLJ10385	AK001247	Hs.30922	4.2	4362 4363 8192
25	429687	nucleoporin 153kD	AI675749	Hs.211608	4.2	2605 6737
	452960	protein tyrosine phosphatase, receptor	AK001335	Hs.31137	4.2	4373 8201
	448888	caspase recruitment domain protein 6	AW196663	Hs.200242	4.2	4049 7935
	416914	brain and reproductive organ-expressed	AA344481	Hs.80426	4.2	1045 5595
30	411704	hypothetical protein FLJ10074	A1499220	Hs.71573	4.2	547 5202
50	415817	protein tyrosine phosphatase, receptor-	U88967	Hs.78867	4.2	950 951 5522
	452908	neuronal Shc adaptor homolog	AB001451	Hs.30965	4.2	4369 4370 8198
	412723	hypothetical protein AF301222	AA648459	Hs.335951	4.2	634 5271
	428259	ESTs	AA424793	Hs.255416	4.2	2415 6597
~ ~	414774	plasminogen activator, urokinase	X02419	Hs.77274	4.2	869 870 5461
35	425966	cyclin F	NM_001761	Hs.1 973	4.2	2158 2159 6409
	424893	Homo sapiens cDNA FLJ13303 fis, clone	O AW295112	Hs.153648	4.1	2020 6313
	437162	thyroid hormone receptor coactivating p	AW005505	Hs.5464	4.1	3239 7237
	425354	complement component 3a receptor 1	U62027	Hs.155935	4.1	2093 2094 6365
	441965	ESTs	AA972712		4.1	
40				Hs.269737		3544 7516
70	405516	ENSP00000200457*:Thyroid receptor inte		U- CC077	4.1	4785
	413053	ESTs, Moderately similar to KIAA1399 pr		Hs.65377	4.1	674 5306
	424415	enolase 2, (gamma, neuronal)	NM_001975		4.1	1947 1948 6263
	450747	ESTs, Highly similar to 1818357A EWS g		Hs.129953	4.1	4188 8052
4 -	419911	BN51 (BHK21) temperature sensitivity co	L15301	Hs.1276	4.1	1393 1394 5861
45	441834	KIAA0736 gene product	AL138034	Hs.7979	4.1	3539 7511
	400252	NM_004651*:Homo sapiens ubiquitin spe	ci	Hs.171501	4.1	4609
	446006	deafness, autosomal dominant 5	NM_004403	Hs.1 3530	4.1	3808 3809 7738
	416389	integrin, beta 5	AA180072	Hs.149846	4.1	998 5561
	415149	cathepsin L	X12451	Hs.78056	4.1	911 912 5490
50	448633	tubulin, gamma 1	AA311426	Hs.21635	4.1	4021 7913
	416224	reticulocalbin 2, EF-hand calcium bindi	NM_002902		4.1	983 984 5550
	413658	A kinase (PRKA) anchor protein 10	AA055369	Hs.372446	4.1	734 5351
						309 310 5025
	409132	protein kinase, AMP-activated, beta 2 n	AJ224538	Hs.50732	4.1	
55	445133	ESTs	AW157646	Hs.198689	4.1	3745 7690
55	412749	signal sequence receptor, beta (translo	AA378417	Hs.74564	4.1	635 5272
	408716	Homo sapiens mRNA for KIAA1769 prote		Hs.151714	4.1	251 4981
	443669	ESTs	AI140462	Hs.134587	4.1	3633 7596
	424494	phosphatidylinositol-4-phosphate 5-kina	U78575	Hs.149255	4,1	1961 1962 6273
<b>CO</b>	440524	ESTs	R71264	Hs.16798	4.1	3474 7452
60	449030	Homo sapiens mRNA for FLJ00016 protein	in, Al365582	Hs.57100	4.1	4059 7943
	425367	protein tyrosine phosphatase, receptor	BE271188	Hs.155975	4.1	2095 6366
	424954	tumor protein p53 (Li-Fraumeni syndrome			4.1	2031 2032 6322
	448610	nel (chicken)-like 1	NM_006157		4.1	4019 4020 7912
	440129	ESTs, Weakly similar to S71886 Ste20-li		Hs.369523	4.1	3456 7436
65	414998	oxidised low density lipoprotein (lecti	NM_002543		4.0	898 899 5480
05				115.7 7725		
	406137	NM_000179*:Homo sapiens mutS (E. coli		Un 004474	4.0	4802
	439246	membrane-associated tyrosine- and threo		Hs.351474	4.0	3386 7369
	430713	eukaryotic translation elongation facto	AA351647	Hs.2642	4.0	2726 6824
70	434158	ESTs	T86534	Hs.14372	4.0	3031 7064
70	436703	RNA binding motif protein, X chromosome		Hs.374352	4.0	3211 7212
	436576	ESTs	AI458213	Hs.77542	4.0	3203 7205
	416062	Homo sapiens cDNA FLJ14609 fis, clone	N AA724811	Hs.334791	4.0	967 5535
	456115	titin	F01082	Hs.172004	4.0	4515 8320
	427315	Homo sapiens mRNA	AA179949	Hs.175563	0.0	2316 6519
75	412942	mitogen-activated protein kinase-activa	AL120344	Hs.75074	4.0	658 5293
	430233	Homo sapiens mRNA	AW367902	Hs.236443	0.0	2664 6781
	446272	hematopoietic cell-specific Lyn substra	BE268912	Hs.14601	4.0	3832 7759
	429922	H1 histone family, member 0				
			Z97630	Hs.226117	4.0	2621 2622 6750
80	450746	general transcription factor II, i	D82673	Hs.278589	4.0	4187 8051
ou	408805	vaccinia related kinase 1	H69912	Hs.48269	4.0	262 4989
	448950	CGI-152 protein	AF288687	Hs.9275	4.0	4050 4051 7936
	409208	integrin, alpha X (antigen CD11C (p150)	Y00093	Hs.172631	4.0	326 327 5038
	418918	CD2 antigen (p50), sheep red blood cell	X07871	Hs.89476	4.0	1282 1283 5775
0.5	422801	nuclear receptor co-repressor 2	AF125672	Hs.287994	4.0	1739 1740 6114
85	421846	protein kinase C substrate 80K-H	AA017707	Hs.1432	4.0	1601 6012
	427157	thymine-DNA glycosylase	U51166	Hs.173824	4.0	2305 2306 6511

	440444			054000		1000 7070
	449444	solute carrier family 16 (monocarboxyli	AW818436	Hs.351306	4.0	4088 7970
	415910	chemokine (C-X3-C) receptor 1	U20350	Hs.78913	4.0	957 958 5527
	445826	Homo sapiens mRNA	BE313754	Hs.13350	0.0	3800 7730
	424441	H2A histone family, member X	X14850	Hs.147097	4.0	1952 1953 6267
5	428134	ESTs	AA421773	Hs.161008	4.0	2401 6586
-	452355	G protein-coupled receptor 34	N54926	Hs.29202	4.0	4320 8157
	416847	enhancer of filamentation 1 (cas-like d	L43821	Hs.80261	4.0	1039 1040 5590
	443163	ESTs	AI082610	Hs.132079	4.0	3605 7572
1.0	405203	NM_002086*:Homo sapiens growth factor	rr		4.0	4772
10	407844	ESTs	AW073716	Hs.8037	4.0	168 4912
	410545	interleukin 11 receptor, alpha	U32324	Hs.64310	4.0	472 473 5143
	408847	ESTs	AW290997	Hs.190153	3.9	268 4993
	443068	ESTs	Al188710	Hs.374480	3.9	3597 7565
15	412182	Splicing factor, arginine/serine-rich,	AA205588	Hs.73737	3.9	577 5226
13	452256	Homo sapiens cDNA FLJ10071 fis, clone		Hs.28661	3.9	4306 8146
	449335	STAT induced STAT inhibitor 3	AW150717	Hs.345728	3.9	4081 7963
	453018	ESTs, Weakly similar to Trad [H.sapiens	AA054522	Hs.61581	3.9	4379 8207
	452888	ephrin-B2	AW955454	Hs.30942	3.9	4366 8195
	403668	Target Exon			3.9	4727
20	431629	interferon, alpha-inducible protein (cl	AU077025	Hs.265827	3.9	2803 6881
	407102	glycerol-3-phosphate dehydrogenase 1 (s		Hs.348601	3.9	109 4861
	418005	collagen, type XV, alpha 1	Al186220	Hs.83164	3.9	1176 5696
	415801	Fc fragment of IgG, low affinity Ilb, r	R24219	Hs.278443	3.9	948 5520
25	451253	claudin 10	H48299	Hs.26126	3.9	4220 8078
25	428245	anaphase promoting complex subunit 11.	AF151048	Hs.183180	3.9	2412 2413 6595
	424439	ligase I, DNA, ATP-dependent	AA579635	Hs.1770	3.9	1950 6265
	423201	growth hormone receptor	NM_000163		3.9	1782 1783 6146
	430053	SEC13 (S. cerevisiae)-like 1	AF052155	Hs.227949	3.9	2643 6766
				113.221343		
30	405372	NM_006841:Homo sapiens transporter pr		050000	3.9	4778
30	452239	protein tyrosine phosphatase, receptor	AW379378	Hs.356289	3.9	4303 8143
	450377	KIAA1265 protein	AB033091	Hs.355925	3.9	4160 4161 8029
	406519	C10001858:gi 6679124 ref NP_032759.1	n		3.9	4808
	413186	solute carrier family 16 (monocarboxyli	AU077141	Hs.75231	3.9	685 5315
	432860	ESTs	AW974077	Hs.283349	3.9	2912 6967
35	409649	hypothetical protein FLJ20442	AA159216	Hs.55505	3.9	373 5070
55						
	458997	ESTs	AW937420	Hs.351869	3.9	4588 8384
	451063	HLA-B associated transcript-2	AW163702	Hs.25911	3.9	4209 8069
	412810	platelet-derived growth factor receptor	M21574	Hs.74615	3.9	649 650 5285
4.0	426156	natriuretic peptide receptor A/guanylat	BE244537	Hs.167382	3.9	2183 6427
40	416110	hypothetical protein DKFZp564A176	Z42262	Hs.322844	3.9	974 5541
	437056	gb:ok33a11.s1 Soares_NSF_F8_9W_OT			3.9	3234 7233
	414260	KIAA0218 gene product	NM_014760		3.9	793 794 5401
	429002	junction plakoglobin	AW248439	Hs.2340	3.8	2498 6661
						-
45	435553	KIAA0176 protein	D79998	Hs.4935	3.8	3134 3135 7149
43	428479	cell division cycle 2, G1 to S and G2 t	Y00272	Hs.334562	3.8	2447 2448 6623
	407202	ESTs	N58172	Hs.109370	3.8	120 4872
	439863	paired immunoglobulin-like receptor bet	BE547830	Hs.375208	3.8	3434 7417
	409264	KIAA0966 protein	NM_014937	Hs.5 2463	3.8	335 336 5043
	423798	solute carrier family 4, sodium bicarbo	AF047033	Hs.132904	3.8	1850 1851 6196
50	449843	solute carrier family 31 (copper transp	R85337	Hs.24030	3.8	4117 7995
50	446055	mucolipin 1	AI815981	Hs.12909	3.8	3817 7745
	438330	ESTs	AW450572	Hs.257316	3.8	3316 7307
	418827	HT021	BE327311	Hs.47166	3.8	1275 5770
<i></i>	419913	ESTs	AW270040	Hs.34455	3.8	1395 5862
55	422241	protein tyrosine phosphatase, receptor	Y00062	Hs.170121	3.8	1663 1664 6058
	423354	calcium channel, voltage-dependent, alp	AB011130	Hs.127436	3.8	1798 1799 6157
	433556	calcium/calmodulin-dependent protein ki	W56321	Hs.111460	3.8	2987 7026
	402260	NM_001436*:Homo sapiens fibrillarin (FB			3.8	4676
	436648	ESTs	R18656	Hs.349845	3.8	3209 7210
60	400292	NAME OMITTED receptor kinase	AA250737	Hs.72472	3.8	5 4616
00	411756					
		discoidin domain receptor family, membe		Hs.71891	3.8	550 5205
	426691	PCTAIRE protein kinase 1		Hs.1 71834	3.8	2262 2263 6480
	408486	sodium channel, voltage-gated, type IV,	L04236	Hs.46038	3.8	228 229 4960
	424240	calcium/calmodulin-dependent protein ki	AB023185	Hs.143535	3.8	1919 1920 6242
65	436434	putative 47 kDa protein	N50465	Hs.372732	3.8	3188 7193
	412432	ESTs	AA126311	Hs.9879	3.8	585 5234
	421487	serine/threonine kinase 23	AF027406	Hs.104865	3.8	1548 1549 5975
	400205	NM_006265*:Homo sapiens RAD21 (S. p.		Hs.81848	3.8	4598
		transformation/transcription domain-ass				
70	429482		AF076974	Hs.203952	3.8	2567 2568 6713
70	415906	Homo sapiens cDNA: FLJ22256 fis, clone		Hs.288741	3.8	956 5526
	424232	protein kinase C, nu	AB015982	Hs.143460	3.8	1917 1918 6241
	417412	interleukin 1 receptor, type I	X16896	Hs.82112	3.8	1116 1117 5652
	422105	endosulfine alpha	Al929700	Hs.111680	3.8	1645 6043
	424837	N-acetyltransferase, homolog of S. cere	BE276113	Hs.333034	3.8	2010 6305
75	412970	dual specificity phosphatase 10	AB026436	Hs.177534	3.8	661 662 5295
	427217	ESTs	AA399272	Hs.144341	3.8	2310 6514
	437275	ESTs, Weakly similar to A47582 B-cell g	AW976035	Hs.292396	3.8	3251 7248
	435466	G protein beta subunit-like	BE619165	Hs.29203	3.7	3128 7144
90	408972	DKFZP586D0919 protein	AL050100	Hs.49378	3.7	287 288 5008
80	400229	NM_021724*:Homo sapiens nuclear recep		Hs.276916	3.7	4602
	450254	neuropeptide G protein-coupled receptor	NM_004885	Hs.9 9231	3.7	4147 4148 8018
	413472	solute carrier family 1 (glial high aff	BE242870	Hs.75379	3.7	725 5342
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	453613	ESTs	F06838		3.7	4430 8250
85				Hs.374476		
33	435732	leucine rich repeat and death domain co	AF229178	Hs.123136	3.7	3147 3148 7159
	450998	splicing factor 3b, subunit 4, 49kD	BE387614	Hs.25797	3.7	4205 8065

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409882
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                                                                                                       395 396 5087
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                                                                             Hs. 153053
                                                                                          3.7
3.7
                                                                                                       1999 6298
                        CD37 antigen
           426108
                        programmed cell death 5
                                                                AA622037
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                                                                                                       2173 6420
           428727
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  5
                        ESTs, Weakly similar to A47582 B-cell g
                                                               AW408158
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                                                                                                       3384 7367
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                                                                             Hs.237825
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           428293
                                                                             Hs.183556
                        solute carrier family 1 (neutral amino
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           438707
                                                                108239
                                                                             Hs.5326
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10
           418043
                        AXL receptor tyrosine kinase
                                                                AW377752
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3.7
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           424909
                                                                             Hs.153752
                                                                                                       2024 2025 6316
                        cell division cycle 25B
                                                                S78187
                                                                             Hs.161712
           418836
                        ESTs
                                                                A1655499
                                                                                          3.7
                                                                                                       1276 5771
           425717
                                                                                                       2131 2132 6390
                        retinoic acid receptor, beta
                                                                X07282
                                                                             Hs.171495
           428283
                                                                A1439096
                                                                             Hs.323079
                                                                                                       2420 6602
                        Homo sapiens mRNA
15
                        Homo sapiens clone 24775 mRNA sequence AW952426 Hs.109438 3.7
           410017
                                                                                                       408 5097
           407330
                        gb:nn51b05.s1 NCI_CGAP_Kid6 Homo sapien AA582607 Hs.156289 3.7
                                                                                                       136 4884
           412760
                        FSTs
                                                                AW379030 Hs.41324
                                                                                                       638 5275
                        Homo sapiens cDNA FLJ12832 fis, clone N BE179829 Hs.179852
                                                                                                       3830 7757
3260 7255
           446254
           437429
                        Homo sapiens mRNA
                                                               H79981
                                                                             Hs.5613
                                                                                          0.0
20
           416041
                        hypothetical protein FLJ13287
                                                                AA345547
                                                                             Hs.53263
                                                                                                       964 5532
                                                                                          3.7
           429379
                        KIAA0537 gene product
                                                                NM_014840
                                                                            Hs.2 00598
                                                                                                       2552 2553 6703
           442831
                                                                AI798959
                                                                             Hs.131686
                                                                                                       3586 7554
                        tryptophanyl-tRNA synthetase
                                                                             Hs.356109
           453327
                                                                AW500180
                                                                                          3.7
                                                                                                       4412 8235
           445701
                        lymphocyte adaptor protein
                                                                AF055581
                                                                             Hs.13131
                                                                                          3.7
                                                                                                       3792 3793 7724
25
           411887
                        ESTs
                                                                AW182924
                                                                             Hs.128790
                                                                                          3.7
                                                                                                       557 5210
1444 5901
           420311
                        Human DNA sequence from clone RP4-530I1 AW445044 Hs.38207
                                                                                          3.7
                        ESTs
                                                                                                       4071 7954
           449222
                                                               AW293984
                                                                            Hs.197621
                        hypothetical protein FLJ22415
                                                                                                       1750 6121
           422851
                                                                AA318060
                                                                             Hs.135121
           417767
                        acyloxyacyl hydrolase (neutrophil)
                                                                BE242241
                                                                             Hs.82542
                                                                                                       1155 5678
30
           407235
                        SAC2 (suppressor of actin mutations 2,
                                                               D20569
                                                                             Hs.169407
                                                                                          3.6
                                                                                                       128 4878
                                                               AA447453
X52599
           452093
                        Homo sapiens mRNA
                                                                             Hs.27860
                                                                                          0.0
                                                                                                       4286 8129
           430440
                        nerve growth factor, beta polypeptide
                                                                                                       2697 2698 6804
                                                                             Hs 2561
                                                                                          36
           421524
                        GDNF family receptor alpha 1
                                                                AA312082
                                                                             Hs.105445
                                                                                          3.6
                                                                                                       1556 5980
                        folate transporter/carrier
                                                                AW972990
                                                                             Hs.196270
           452882
                                                                                          3.6
                                                                                                       4365 8194
35
           429558
                        nucleolar autoantigen (55kD) similar to
                                                                Al391454
                                                                             Hs.207251
                                                                                                       2579 6721
           409190
                        sarcoma amplified sequence
                                                                AU076536
                                                                             Hs.50984
                                                                                          3.6
                                                                                                       321 5034
                        ESTs, Weakly similar to KIAA1330 protei
           411411
                                                               AA345241
                                                                             Hs.55950
                                                                                          3.6
                                                                                                       537 5194
                        EDG-2 (endothelial differentiation, ly BE140638 Hs.75794 3.6
Homo sapiens clone TCCCTA00142 mRNA seq BE623003 Hs.23625 3.6
integrin, alpha M (complement component AA436187 Hs.172631 3.6
                                                                                                       787 5395
           414176
           442875
                                                                                                       3587 7555
40
                                                                                                       2476 6644
           428820
                        lymphocyte cytosolic protein 2 (SH2 dom U20158
                                                                                          3.6
           429732
                                                                             Hs.2488
                                                                                                       2610 2611 6742
           422573
                        integrin, alpha V (vitronectin recepto
                                                               AW297985
                                                                             Hs.295726
                                                                                          3.6
                                                                                                       1704 6088
           432268
                        3'-phosphoadenosine 5'-phosphosulfate s BE311856
                                                                             Hs.274230
                                                                                          3.6
                                                                                                       2861 6925
           408243
                        interleukin 8
                                                                Y00787
                                                                             Hs.624
                                                                                          3.6
                                                                                                       207 208 4946
45
                        potassium voltage-gated channel, subfam AF052728
           428648
                                                                             Hs.188021
                                                                                          3.6
                                                                                                       2459 2460 6632
                       solute carrier family 12 (sodium/potass Al792946 ESTs, Weakly similar to S72481 probable Al131192
           423072
                                                                             Hs.123116
                                                                                                       1776 6141
641 5278
                                                                                          3.6
           412791
                                                                             Hs.143199
                                                                                          3.6
                                                                                          3.6
           441054
                        ESTs
                                                               AA913591
                                                                             Hs.126480
                                                                                                       3496 7472
           439490
                        ESTs, Weakly similar to A46302 PTB-asso AW249197
                                                                             Hs.100043
                                                                                          3.6
                                                                                                       3401 7384
50
           432179
                                                                X75208
                                                                                          3.6
                                                                                                       2849 2850 6915
           447560
                        phospholipase A2, group IVC (cytosolic,
                                                               AF065214
                                                                             Hs.18858
                                                                                          3.6
                                                                                                       3937 3938 7845
           454146
                                                                             Hs.381047
                        calcineurin-binding protein calsarcin-1
                                                               BE086548
                                                                                          3.6
                                                                                                       4495 8302
                        ESTs, Weakly similar to 178885 serine/t
           429320
                                                               AA449838
                                                                             Hs.119334
                                                                                                       2545 6697
                                                                                          3.6
           413900
                        stress-induced-phosphoprotein 1 (Hsp70/ AW409747
                                                                             Hs.75612
                                                                                                       751 5365
                                                                                          3.6
55
           438014
                        Homo sapiens cDNA FLJ11971 fis, clone H N71183
                                                                             Hs.121806
                                                                                          3.6
                                                                                                       3296 7289
           435021
                                                               AA922192
                                                                             Hs.73962
                                                                                          3.6
                                                                                                       3097 7116
           434398
                        serum-inducible kinase (SNK)
                                                               AA121098
                                                                             Hs.3838
                                                                                          3.6
                                                                                                       3052 7079
                                                                             Hs.77550
           448499
                        p53-regulated DDA3
                                                               BE613280
                                                                                          3.6
                                                                                                       4008 7905
           424156
                        myotubularin related protein 4
                                                                             Hs.141727
                                                               AF264717
                                                                                          3.6
                                                                                                       1905 1906 6234
60
           419700
                        galactokinase 1
                                                               AF084935
                                                                             Hs.92357
                                                                                                       1373 1374 5846
                                                                                          3.6
           457918
                        hypothetical protein DKFZp762M186
                                                                AL359590
                                                                            Hs.162604
                                                                                                       4562 4563 8360
                                                                                          3.6
           413132
                        protein kinase (cAMP-dependent, catalyt
                                                               NM_006823 Hs.7 5209
                                                                                                       683 684 5314
65
          TABLE 10B:
                              Unique Eos probeset identifier number
           CAT number:
                              Gene cluster number
           Accession:
                               Genbank accession numbers
70
          Pkey
418059
                        CAT Number Accession
                                    AA211586 F35799 F29720 AW937408 AW937387 AA211641
                        1164438_1
                        428504 3
                                     AW976398 AI147061 AA765223 AA743380 AI803927
          437056
75
          TABLE 10C:
          Pkey:
                              Unique number corresponding to an Eos probeset
                              Sequence source. The 7 digit numbers in this column are Genbank Identifier (GI) numbers. "Dunham I. et al." refers to the publication entitled
                                     The DNA
                              sequence of human chromosome 22." Dunham I. et al., Nature (1999) 402:489-495.
80
          Strand:
                              Indicates DNA strand from which exons were predicted.
          Nt_position:
                              Indicates nucleotide positions of predicted exons.
          Pkey
                                         Strand
                                                            Nt position
           405001
                        6015406
                                                            104646-104819
                                        Minus
85
           403088
                        8954241
                                        Plus
                                                            169894-170193,170504-170806
          400499
                        9796071
                                        Minus
                                                            148495-148806
```

	404815 400991 402233	5911819 8096825 7690102	Minus Plus Plus	64494-64691 159197-159320 90281-91477		
_	405516	9454624	Plus	112707-112876,113676-113854		
5	406137	9166422	Minus	30487-31058		
	405203 403668	7230116 7259739	Plus Plus	125295-125463 39942-40150		
	405372	2078459	Minus	10148-10272,11205-11349,11436-1156	:n 1179	
	406519	3962489	Plus	34617-34928	0,1170	
10	402260	3399665	Minus	113765-113910,115653-115765,11680	B-11694	
	TABLE 11A:					
	Pkey: Unique Eos probeset identifier number					
15				mplar Accession number, Genbank accession number		
			ene number			
	Unigene		ene gene title	•		
Seq ID No: Sequence Identification Number linking the information in Table 11A to the sequences in Table 1					the sequences in Table 12	
20	Pkey	ExAccn	UnigeneID	Unigene Title	Seq ID No	
	450375	AA009647	Hs.8850	a disintegrin and metalloproteinase doma	Seq ID No.1 & 32	
	452838	U65011	Hs.30743	preferentially expressed antigen in mela	Seq ID No.2 & 33	
	429359	W00482	Hs.2399	matrix metalloproteinase 14 (membrane-in	Seq ID No.3 & 34	
25	428182	BE386042	Hs.293317	ESTs, Weakly similar to GGC1_HUMAN G ANT	Seq ID No.4 & 35	
25	418478	U38945	Hs.1174	cyclin-dependent kinase inhibitor 2A (me	Seq ID No.5 & 36	
	418478	U38945	Hs.1174	cyclin-dependent kinase inhibitor 2A (me	Seq ID No.6 & 37	
	418478 418478	U38945 U38945	Hs.1174 Hs.1174	cyclin-dependent kinase inhibitor 2A (me cyclin-dependent kinase inhibitor 2A (me	Seq ID No.7 & 38 Seq ID No.8 & 39	
	418678	NM_001327	Hs.167379	cancer/testis antigen (NY-ESO-1)	Seq ID No.9 & 40	
30	418678	NM_001327	Hs.167379	cancer/testis antigen (NY-ESO-1)	Seq ID No.10 & 41	
	404977			Insulin-like growth factor 2 (somatomedi	Seg ID No.11 & 42	
	450701	H39960	Hs.409224	hypothetical protein XP_098151 (leucine-	Seq ID No.12 & 43	
	406687	M31126	Hs.396790	matrix metalloproteinase 11 (stromelysin	Seq ID No.13 & 44	
35	415989	AI267700	Hs.4288	ESTs	Seq ID No.14	
33	449048	Z45051	Hs.22920	similar to \$68401 (cattle) glucose induc	Seq ID No.15 & 45	
	416658 411789	U03272 AF245505	Hs.79432 Hs.72157	fibrillin 2 (congenital contractural ara Adlican	Seq ID No.16 & 46	
	417866	AW067903	Hs.82772	collagen, type XI, alpha 1	Seq ID No.17 & 47 Seq ID No.18 & 48	
	417153	X57010	Hs.81343	collagen, type II, alpha 1 (primary oste	Seq ID No.19 & 49	
40	426300	U15979	Hs.194693	delta-like homolog (Drosophila)	Seg ID No.20 & 50	
	445417	AK001058	Hs.12680	a disintegrin-like and metalloprotease w	Seq ID No.21 & 51	
	429329	AA456140	Hs.99235	Homo sapiens pannexin 3 (PANX3)	Seq ID No.22 & 52	
	428305	AA446628	Hs.2799	cartilage linking protein 1	Seq ID No.23 & 53	
45	422871	AL031228	Hs.121509	collagen, type XI, alpha 2	Seq ID No.24 & 54	
43	441636	AA081846	Hs.407951	Homo sapiens mRNA; cDNA DKFZp566E183 (fr	Seq ID No.25 & 55	
	418399 418140	AF131781 BE613836	Hs.301989 Hs.83551	hypothetical protein FLJ12442 microfibrillar-associated protein 2	Seq ID No.26 & 56 Seq ID No.27 & 57	
	418140	BE613836	Hs.83551	microfibrillar-associated protein 2	Seq ID No.28 & 58	
	420376	AL137471	Hs.97266	protocadherin 18	Seq ID No.29 & 59	
50	414477	U41635	Hs.76228	amplified in osteosarcoma	Seq ID No.30 & 60	
	457869	AU077186	Hs.108885	Homo sapiens, alpha-1 (VI) collagen	Seq ID No.31 & 61	
	TABLE 1	1C:				
	Pkey: Unique number corresponding to an Eos probeset					
55	Ref:				ntifier (GI) numbers. "Dunham I. et al." refers to the publication entitled	
-	*The DNA					
	sequence of human chromosome 22.* Dunham I. et al., Nature (1999) 402:489-495.					
	Strand: Indicates DNA strand from which exons were predicted.					
60	Nt_positi	Nt_position: Indicates nucleotide positions of predicted exons.				
50	Pkey	Ref	Strand	Nt_position		
	,	404977	3738341	Minus 43081-43229		